

10533838

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TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	JAN 02	STN pricing information for 2008 now available
NEWS	3	JAN 16	CAS patent coverage enhanced to include exemplified prophetic substances
NEWS	4	JAN 28	USPATFULL, USPAT2, and USPATOLD enhanced with new custom IPC display formats
NEWS	5	JAN 28	MARPAT searching enhanced
NEWS	6	JAN 28	USGENE now provides USPTO sequence data within 3 days of publication
NEWS	7	JAN 28	TOXCENTER enhanced with reloaded MEDLINE segment
NEWS	8	JAN 28	MEDLINE and LMEDLINE reloaded with enhancements
NEWS	9	FEB 08	STN Express, Version 8.3, now available
NEWS	10	FEB 20	PCI now available as a replacement to DPCI
NEWS	11	FEB 25	IFIREF reloaded with enhancements
NEWS	12	FEB 25	IMSPRODUCT reloaded with enhancements
NEWS	13	FEB 29	WPINDEX/WPIDS/WPIX enhanced with ECLA and current U.S. National Patent Classification
NEWS	14	MAR 31	IFICDB, IFIPAT, and IFIUDB enhanced with new custom IPC display formats
NEWS	15	MAR 31	CAS REGISTRY enhanced with additional experimental spectra
NEWS	16	MAR 31	CA/CAPLUS and CASREACT patent number format for U.S. applications updated
NEWS	17	MAR 31	LPCI now available as a replacement to LDPCI
NEWS	18	MAR 31	EMBASE, EMBAL, and LEMBASE reloaded with enhancements
NEWS	19	APR 04	STN AnaVist, Version 1, to be discontinued
NEWS	20	APR 15	WPIDS, WPINDEX, and WPIX enhanced with new predefined hit display formats
NEWS	21	APR 28	EMBASE Controlled Term thesaurus enhanced
NEWS	22	APR 28	IMSRESEARCH reloaded with enhancements
NEWS	23	MAY 30	INPAFAMDB now available on STN for patent family searching
NEWS	24	MAY 30	DGENE, PCTGEN, and USGENE enhanced with new homology sequence search option
NEWS	25	JUN 06	EPFULL enhanced with 260,000 English abstracts
NEWS	26	JUN 06	KOREAPAT updated with 41,000 documents
NEWS	27	JUN 13	USPATFULL and USPAT2 updated with 11-character patent numbers for U.S. applications
NEWS	28	JUN 19	CAS REGISTRY includes selected substances from web-based collections

Updated Search

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NEWS 29 JUN 25 CA/CAPLUS and USPAT databases updated with IPC  
reclassification data

NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,  
AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS LOGIN Welcome Banner and News Items  
NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that  
specific topic.

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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 17:28:11 ON 26 JUN 2008

=> file reg		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 17:28:41 ON 26 JUN 2008  
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STRUCTURE FILE UPDATES: 25 JUN 2008 HIGHEST RN 1030702-50-1  
DICTIONARY FILE UPDATES: 25 JUN 2008 HIGHEST RN 1030702-50-1

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 9, 2008.

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experimental property data in the original document. For information  
on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>  
Uploading C:\Documents and Settings\brobinson1\My Documents\search2.str

Updated Search

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L1           STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1           STR

\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 17:32:50 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED -       83 TO ITERATE

100.0% PROCESSED       83 ITERATIONS

17 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:   ONLINE   \*\*COMPLETE\*\*

BATCH   \*\*COMPLETE\*\*

PROJECTED ITERATIONS:       1114 TO       2206

PROJECTED ANSWERS:         93 TO       587

L2           17 SEA SSS SAM L1

=> s l1 full

THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 177.90 U.S. DOLLARS

DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y

FULL SEARCH INITIATED 17:32:54 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED -       1708 TO ITERATE

100.0% PROCESSED       1708 ITERATIONS

277 ANSWERS

SEARCH TIME: 00.00.01

L3           277 SEA SSS FUL L1

=> s l3 and brown, w?/au

NUMERIC VALUE NOT VALID 'BROWN, W?'

0 BROWN, W?/AU

L4           0 L3 AND BROWN, W?/AU

=> file hcaplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

186.73

186.94

FILE 'HCAPLUS' ENTERED AT 17:33:17 ON 26 JUN 2008

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FILE COVERS 1907 - 26 Jun 2008 VOL 148 ISS 26  
FILE LAST UPDATED: 25 Jun 2008 (20080625/ED)

HCAPLUS now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2008.

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 13

L5 7 L3

=> s 15 and brown, w?/au

4240 BROWN, W?/AU

L6 7 L5 AND BROWN, W?/AU

=> d 17, ibib abs hitstr, 1-7

L7 NOT FOUND

The L-number entered has not been defined in this session, or it has been deleted. To see the L-numbers currently defined in this session, enter DISPLAY HISTORY at an arrow prompt (=>).

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L6 ANSWER 1 OF 7 HCAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2005:638846 HCAPLUS

DOCUMENT NUMBER: 143:153295

TITLE: Preparation of diarylmethylidenylpiperidines for the management of pain

INVENTOR(S): Brown, William; Griffin, Andrew; Walpole, Christopher

PATENT ASSIGNEE(S): Astrazeneca AB, Swed.

SOURCE: PCT Int. Appl., 56 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005066128	A1	20050721	WO 2005-SE13	20050105
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			

Updated Search

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RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,  
AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,  
EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT,  
RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML,  
MR, NE, SN, TD, TG

AU 2005204009	A1	20050721	AU 2005-204009	20050105
CA 2552850	A1	20050721	CA 2005-2552850	20050105
EP 1706380	A1	20061004	EP 2005-704687	20050105
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, HR, IS				
CN 1926105	A	20070307	CN 2005-80006251	20050105
BR 2005006707	A	20070502	BR 2005-6707	20050105
JP 2007517872	T	20070705	JP 2006-549189	20050105
IN 2006DN03735	A	20070420	IN 2006-DN3735	20060629
MX 2006PA07662	A	20060904	MX 2006-PA7662	20060703
NO 2006003617	A	20061009	NO 2006-3617	20060809
PRIORITY APPLN. INFO.:			SE 2004-25	A 20040109
			WO 2005-SE13	W 20050105
OTHER SOURCE(S): CASREACT 143:153295; MARPAT 143:153295				
GI				

\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

AB Title compds. I [R1 = (un)substituted aryl, heteroaryl; R2 = alkyl, H; R3 = H, COR4, SO2R4, etc.; R4 = H, alkyl, alkenyl, etc.] and their pharmaceutically acceptable salts were prepared For example, N-acetylation of aniline II (R2 = H) with acetic anhydride afforded the TFA salt of diarylmethylidenylpiperidine II (R2 = COCH3) in 100% yield. In human  $\delta$  receptor assays, certain examples of compds. I exhibited IC50 values ranging from 0.22-2.34 nM, with an average of 0.98 nM (sic).

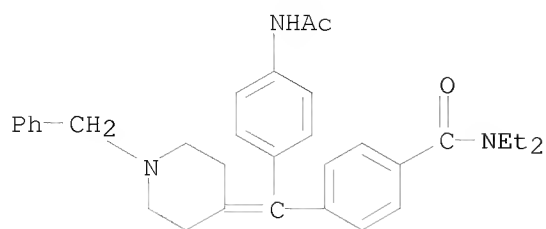
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859911-43-6P 859911-44-7P 859911-45-8P  
859911-46-9P 859911-47-0P 859911-48-1P,  
4-[[4-(Acetylamino)phenyl][1-(1,3-thiazol-4-ylmethyl)piperidin-4-ylidene)methyl]-N,N-diethylbenzamide 859911-49-2P  
859911-50-5P, 4-[(1-Benzylpiperidin-4-ylidene)[4-[(methylsulfonyl)amino]phenyl)methyl]-N,N-diethylbenzamide  
859911-51-6P 859911-52-7P 859911-53-8P  
859911-54-9P, 4-[[4-(Acetylamino)phenyl][1-(2-fluorobenzyl)piperidin-4-ylidene)methyl]-N,N-diethylbenzamide  
859911-55-0P 859911-56-1P 859911-57-2P  
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(preparation of diarylmethylidenylpiperidines for the management of pain)

RN 859911-40-3 HCAPLUS

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Updated Search

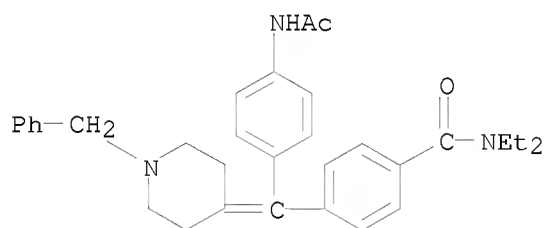
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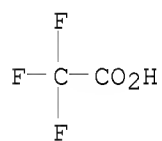
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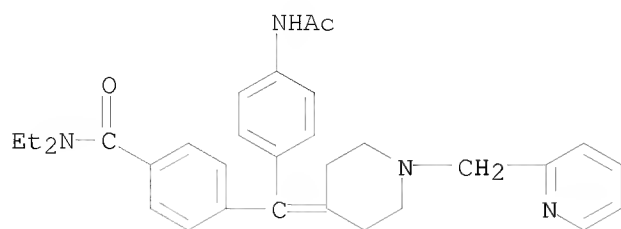
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Updated Search

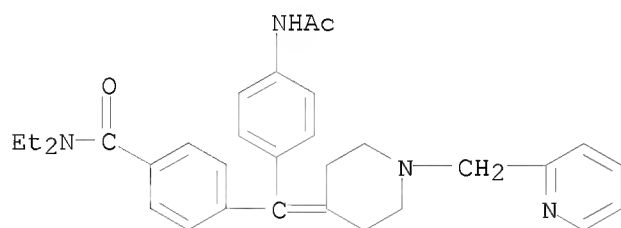
10533838



RN 859911-43-6 HCAPLUS  
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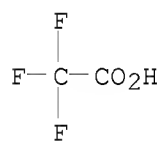
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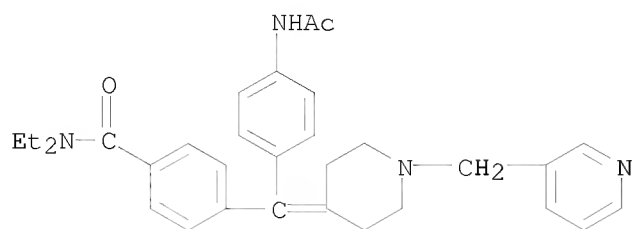
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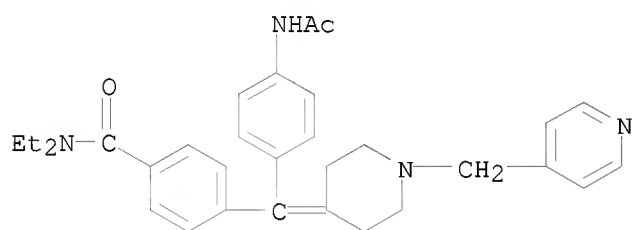
Updated Search

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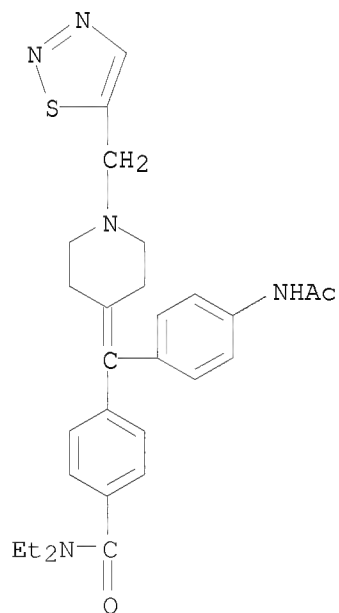
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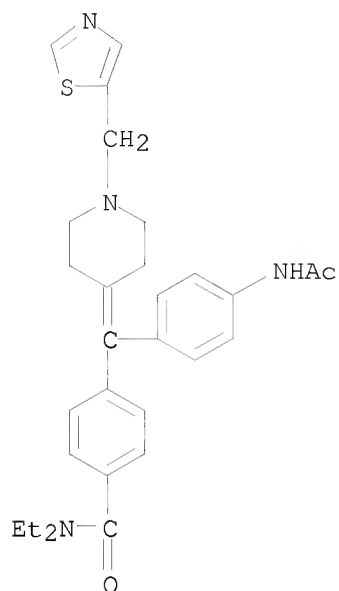
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Updated Search

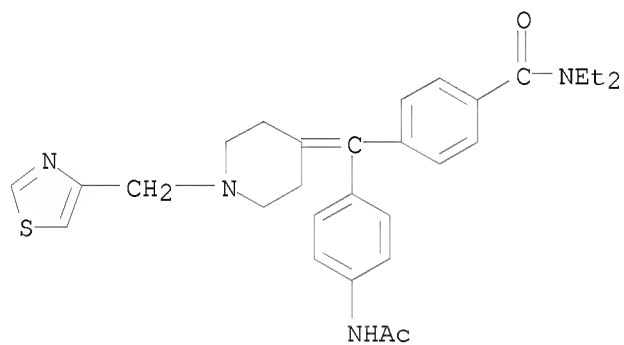


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RN 859911-49-2 HCAPLUS

CN Benzamide, 4-[[4-(acetylamino)phenyl][1-(4-thiazolylmethyl)-4-piperidinyldene]methyl]-N,N-diethyl-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

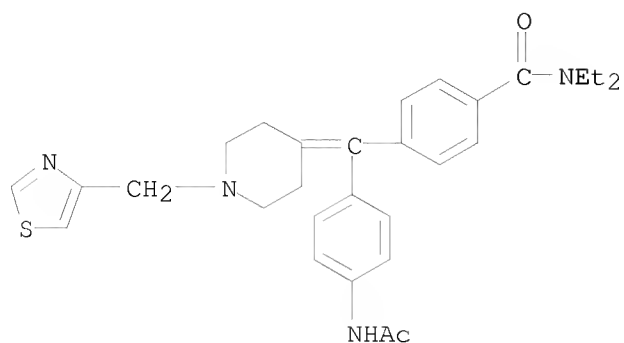
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CRN 859911-48-1

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Updated Search

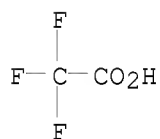
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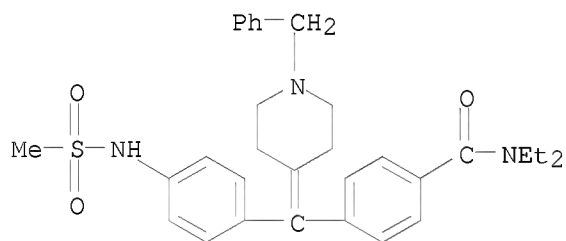
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RN 859911-51-6 HCAPLUS

CN Benzamide, N,N-diethyl-4-[[4-[(methylsulfonyl)amino]phenyl][1-(phenylmethyl)-4-piperidinylidene]methyl]-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

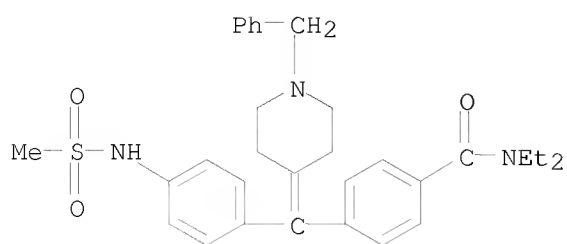
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CRN 859911-50-5

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Updated Search

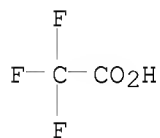
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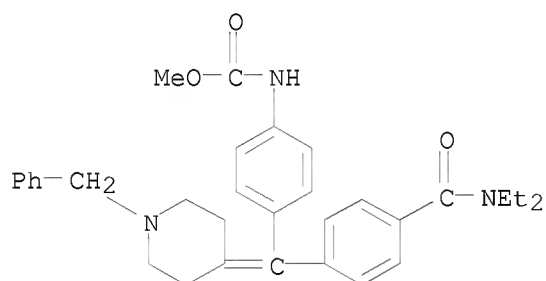
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CMF C2 H F3 O2



RN 859911-52-7 HCAPLUS

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RN 859911-53-8 HCAPLUS

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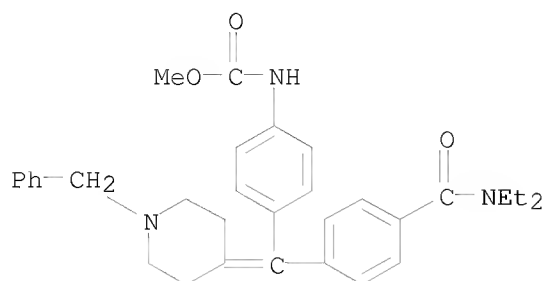
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Updated Search

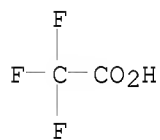
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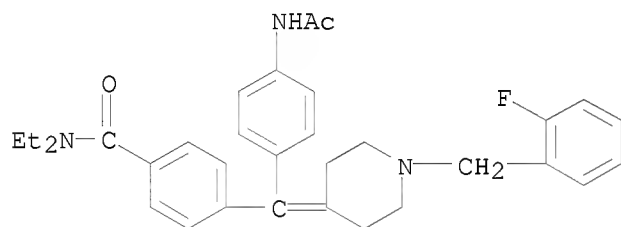
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CMF C2 H F3 O2



RN 859911-54-9 HCAPLUS

CN Benzamide, 4-[[4-(acetamidomethyl)phenyl][1-(2-fluorophenyl)methyl]-4-piperidinyldene]methyl-N,N-diethyl- (CA INDEX NAME)



RN 859911-55-0 HCAPLUS

CN Benzamide, 4-[[4-(acetamidomethyl)phenyl][1-(2-fluorophenyl)methyl]-4-piperidinyldene]methyl-N,N-diethyl-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

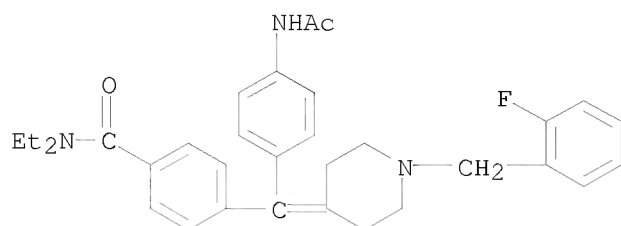
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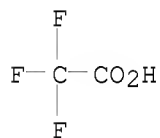
Updated Search

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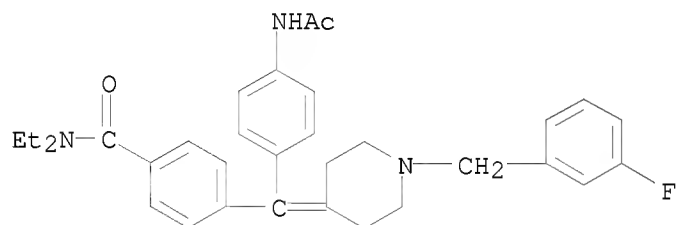


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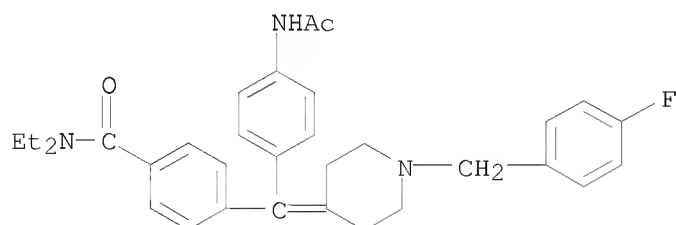
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RN 859911-56-1 HCAPLUS  
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RN 859911-57-2 HCAPLUS  
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IT 859911-59-4P, 4-[[4-(Acetylamino)phenyl]-4-piperidinylidenemethyl]-N,N-diethylbenzamide 859911-61-8P

Updated Search

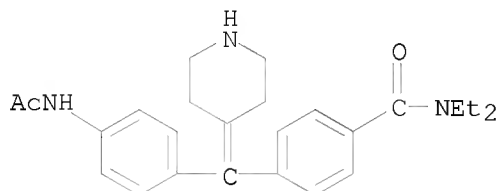
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RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of diarylmethylidenylpiperidines for the management of pain)

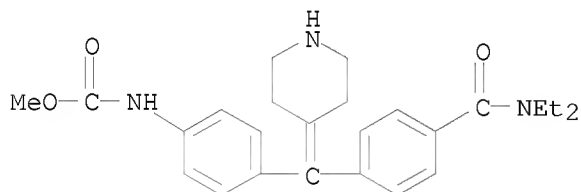
RN 859911-59-4 HCAPLUS

CN Benzamide, 4-[[4-(acetylamino)phenyl]-4-piperidinyldenemethyl]-N,N-diethyl- (CA INDEX NAME)



RN 859911-61-8 HCAPLUS

CN Carbamic acid, [4-[[4-[(diethylamino)carbonyl]phenyl]-4-piperidinyldenemethyl]phenyl]-, methyl ester (9CI) (CA INDEX NAME)



REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 2 OF 7 HCAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2005:638845 HCAPLUS

DOCUMENT NUMBER: 143:153294

TITLE: Preparation of diarylmethylidenylpiperidines for the management of pain

INVENTOR(S): Brown, William; Griffin, Andrew

PATENT ASSIGNEE(S): Astrazeneca AB, Swed.

SOURCE: PCT Int. Appl., 67 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005066127	A1	20050721	WO 2005-SE12	20050105
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,				

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TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW  
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,  
AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,  
EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT,  
RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML,  
MR, NE, SN, TD, TG

AU 2005204008	A1	20050721	AU 2005-204008	20050105
AU 2005204008	B2	20080424		
CA 2552946	A1	20050721	CA 2005-2552946	20050105
EP 1706379	A1	20061004	EP 2005-704686	20050105
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, HR, IS				
CN 1926106	A	20070307	CN 2005-80006331	20050105
BR 2005006695	A	20070502	BR 2005-6695	20050105
JP 2007517871	T	20070705	JP 2006-549188	20050105
IN 2006DN03740	A	20070420	IN 2006-DN3740	20060629
MX 2006PA07663	A	20060904	MX 2006-PA7663	20060703
NO 2006003618	A	20061009	NO 2006-3618	20060809
US 20070219249	A1	20070920	US 2006-596850	20061208
PRIORITY APPLN. INFO.:			SE 2004-26	A 20040109
			WO 2005-SE12	W 20050105

OTHER SOURCE(S): CASREACT 143:153294; MARPAT 143:153294  
GI

\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

AB Title compds. I [R1, R3 = H, alkyl, cycloalkyl, etc.; R2 = alkyl, alkenyl, cycloalkyl, etc.] and their pharmaceutically acceptable salts were prepared For example, N-alkylation of piperidine II (R2 = H) with 1-iodopropane afforded the TFA salt of diarylmethylidenylpiperidine II (R2 = CH2CH2CH3) in 54% yield. In human  $\delta$  receptor assays, certain examples of compds. I exhibited IC50 values ranging from 0.18-3.7 nM, with an average of 0.56 nM (sic).

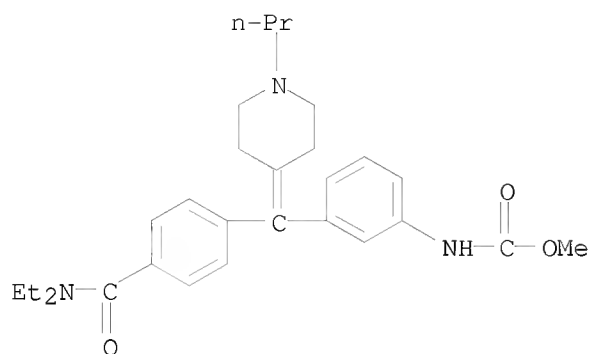
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859911-30-1P 859911-31-2P 859911-32-3P  
859911-33-4P 859911-34-5P 859911-35-6P,  
[3-[[4-[(Diethylamino)carbonyl]phenyl][1-(2-methoxyethyl)-4-piperidinyldiene]methyl]phenyl]carbamic acid methyl ester  
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(preparation of diarylmethylidenylpiperidines for the management of pain)

RN 859911-03-8 HCAPLUS

CN Carbamic acid, [3-[[4-[(diethylamino)carbonyl]phenyl](1-propyl-4-piperidinyldiene)methyl]phenyl]-, methyl ester (9CI) (CA INDEX NAME)

Updated Search

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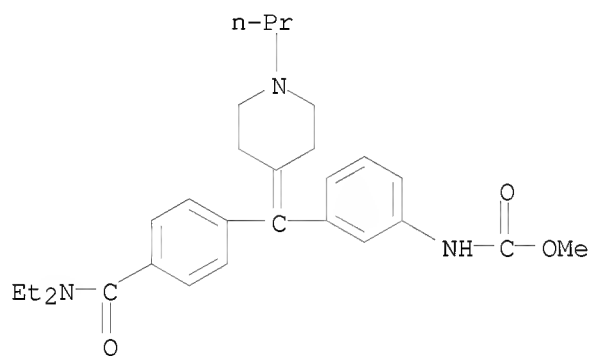
RN 859911-04-9 HCAPLUS

CN Carbamic acid, [3-[[4-[(diethylamino)carbonyl]phenyl](1-propyl-4-piperidinylidene)methyl]phenyl]-, methyl ester, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 859911-03-8

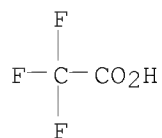
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CM 2

CRN 76-05-1

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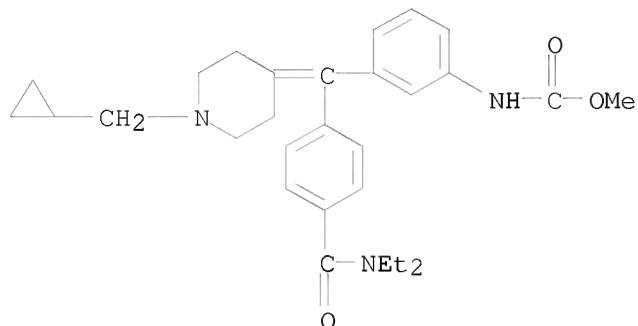
RN 859911-05-0 HCAPLUS

Updated Search



10533838

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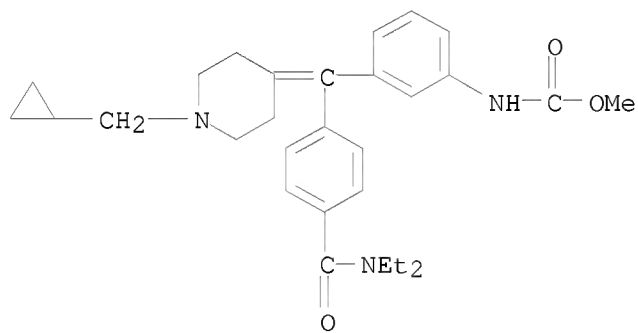
RN 859911-06-1 HCAPLUS

CN Carbamic acid, [3-[[1-(cyclopropylmethyl)-4-piperidinylidene][4-[(diethylamino)carbonyl]phenyl]methyl]phenyl]-, methyl ester, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 859911-05-0

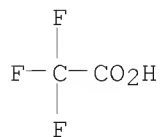
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CM 2

CRN 76-05-1

CMF C2 H F3 O2

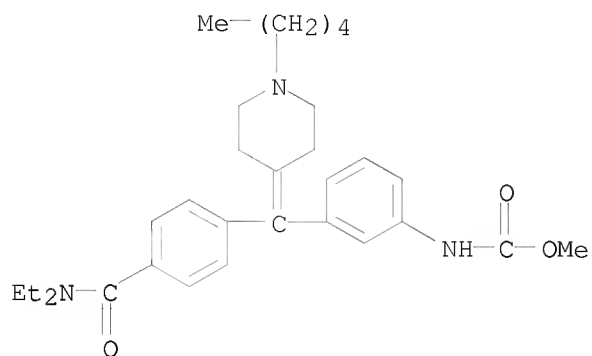


Updated Search

10533838

RN 859911-07-2 HCAPLUS

CN Carbamic acid, [3-[[4-[(diethylamino)carbonyl]phenyl](1-pentyl-4-piperidinylidene)methyl]phenyl]-, methyl ester (9CI) (CA INDEX NAME)



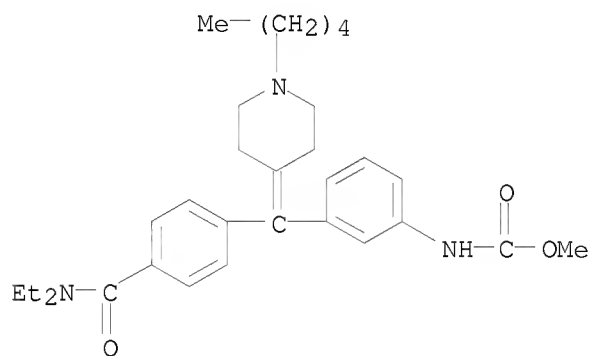
RN 859911-08-3 HCAPLUS

CN Carbamic acid, [3-[[4-[(diethylamino)carbonyl]phenyl](1-pentyl-4-piperidinylidene)methyl]phenyl]-, methyl ester, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 859911-07-2

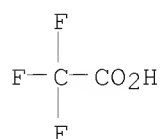
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CM 2

CRN 76-05-1

CMF C2 H F3 O2

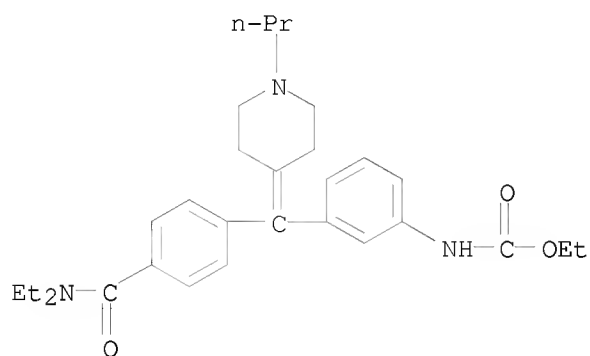


Updated Search

10533838

RN 859911-09-4 HCAPLUS

CN Carbamic acid, [3-[[4-[(diethylamino)carbonyl]phenyl](1-propyl-4-piperidinylidene)methyl]phenyl]-, ethyl ester (9CI) (CA INDEX NAME)



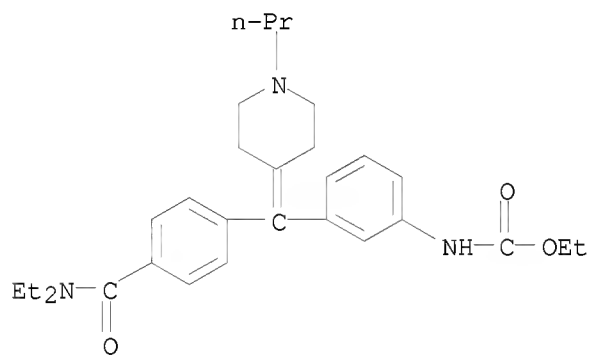
RN 859911-10-7 HCAPLUS

CN Carbamic acid, [3-[[4-[(diethylamino)carbonyl]phenyl](1-propyl-4-piperidinylidene)methyl]phenyl]-, ethyl ester, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 859911-09-4

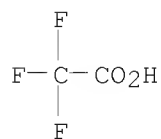
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CM 2

CRN 76-05-1

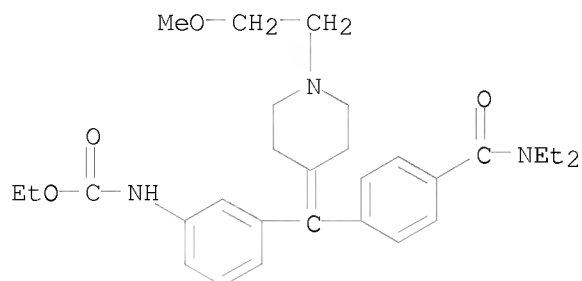
CMF C2 H F3 O2



Updated Search

10533838

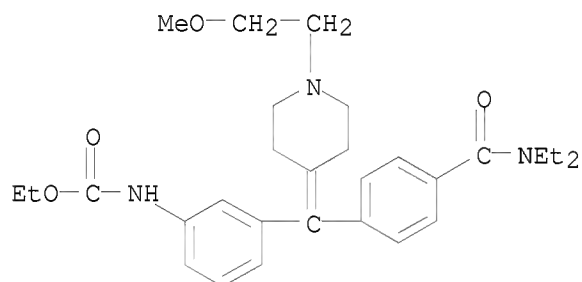
RN 859911-11-8 HCAPLUS  
CN Carbamic acid, [3-[[4-[(diethylamino)carbonyl]phenyl][1-(2-methoxyethyl)-4-piperidinylidene]methyl]phenyl]-, ethyl ester (9CI) (CA INDEX NAME)



RN 859911-12-9 HCAPLUS  
CN Carbamic acid, [3-[[4-[(diethylamino)carbonyl]phenyl][1-(2-methoxyethyl)-4-piperidinylidene]methyl]phenyl]-, ethyl ester, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

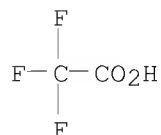
CM 1

CRN 859911-11-8  
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CM 2

CRN 76-05-1  
CMF C2 H F3 O2

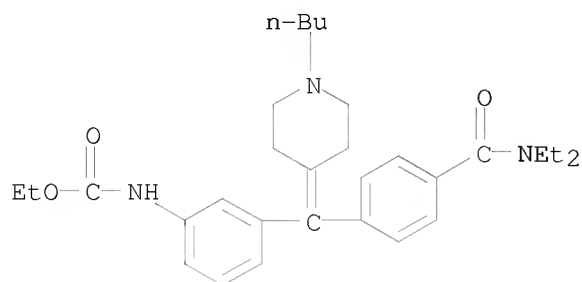


RN 859911-13-0 HCAPLUS  
CN Carbamic acid, [3-[(1-butyl-4-piperidinylidene)]4-

Updated Search

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[(diethylamino)carbonyl]phenyl]methyl]phenyl]-, ethyl ester (9CI) (CA INDEX NAME)



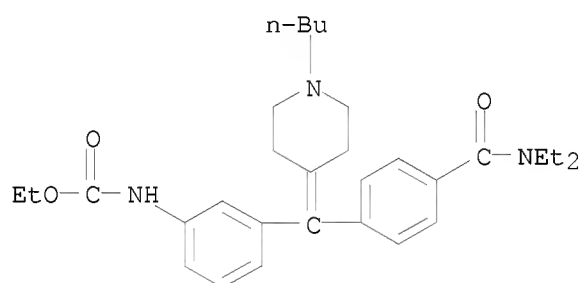
RN 859911-14-1 HCAPLUS

CN Carbamic acid, [3-[(1-butyl-4-piperidinylidene)[4-[(diethylamino)carbonyl]phenyl]methyl]phenyl]-, ethyl ester, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 859911-13-0

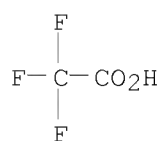
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CM 2

CRN 76-05-1

CMF C2 H F3 O2



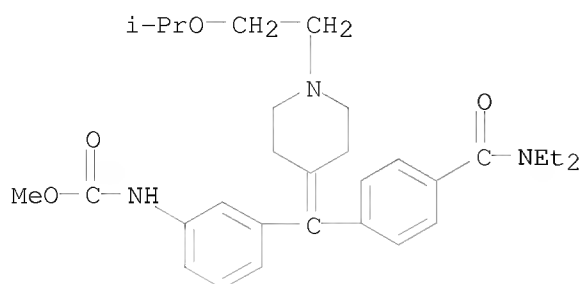
RN 859911-15-2 HCAPLUS

CN Carbamic acid, [3-[[4-[(diethylamino)carbonyl]phenyl][1-[2-(1-methylethoxy)ethyl]-4-piperidinylidene]methyl]phenyl]-, methyl ester (9CI)

Updated Search

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(CA INDEX NAME)



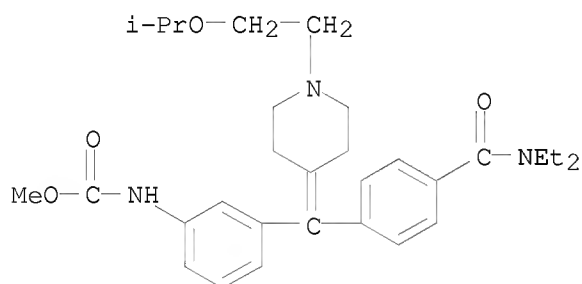
RN 859911-16-3 HCAPLUS

CN Carbamic acid, [3-[[4-[(diethylamino)carbonyl]phenyl][1-[2-(1-methylethoxy)ethyl]-4-piperidinylidene]methyl]phenyl]-, methyl ester, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 859911-15-2

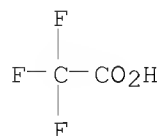
CMF C30 H41 N3 O4



CM 2

CRN 76-05-1

CMF C2 H F3 O2

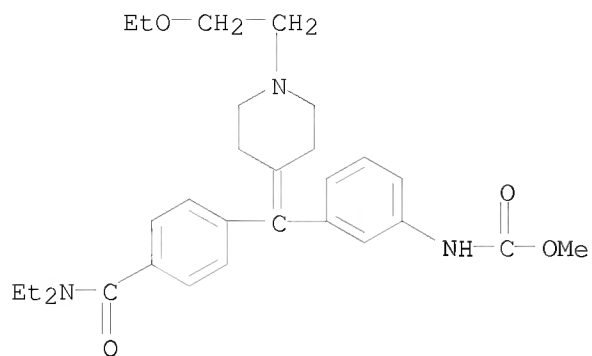


RN 859911-17-4 HCAPLUS

CN Carbamic acid, [3-[[4-[(diethylamino)carbonyl]phenyl][1-(2-ethoxyethyl)-4-piperidinylidene]methyl]phenyl]-, methyl ester (9CI) (CA INDEX NAME)

Updated Search

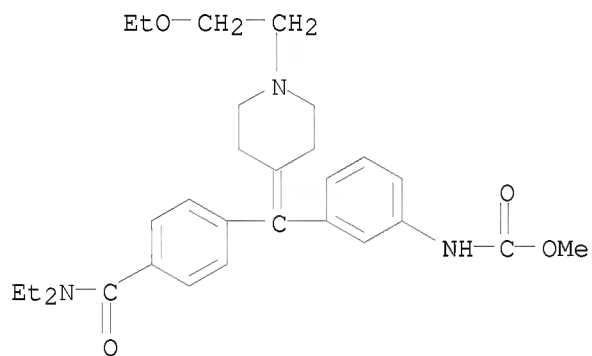
10533838



RN 859911-18-5 HCAPLUS  
CN Carbamic acid, [3-[[4-[(diethylamino)carbonyl]phenyl][1-(2-ethoxyethyl)-4-piperidinyldene]methyl]phenyl]-, methyl ester, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

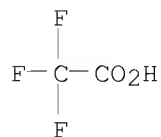
CM 1

CRN 859911-17-4  
CMF C29 H39 N3 O4



CM 2

CRN 76-05-1  
CMF C2 H F3 O2

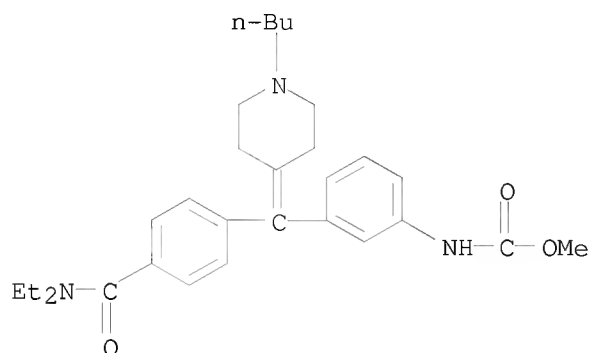


RN 859911-19-6 HCAPLUS  
CN Carbamic acid, [3-[(1-butyl-4-piperidinyldene)]4-

Updated Search

10533838

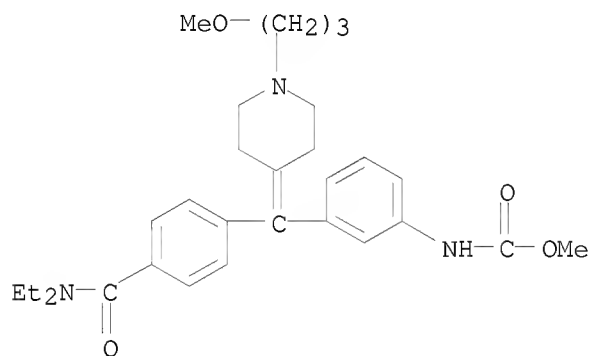
[(diethylamino)carbonyl]phenyl[methyl]phenyl]-, methyl ester,  
monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 859911-20-9 HCAPLUS

CN Carbamic acid, [3-[[4-[(diethylamino)carbonyl]phenyl][1-(3-methoxypropyl)-4-piperidinylidene]methyl]phenyl]-, methyl ester, monohydrochloride (9CI)  
(CA INDEX NAME)



● HCl

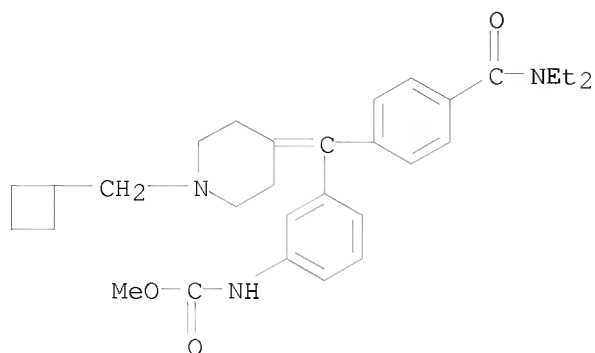
RN 859911-21-0 HCAPLUS

CN Carbamic acid, [3-[[1-(cyclobutylmethyl)-4-piperidinylidene][4-[(diethylamino)carbonyl]phenyl]methyl]phenyl]-, methyl ester (9CI) (CA INDEX NAME)

Updated Search



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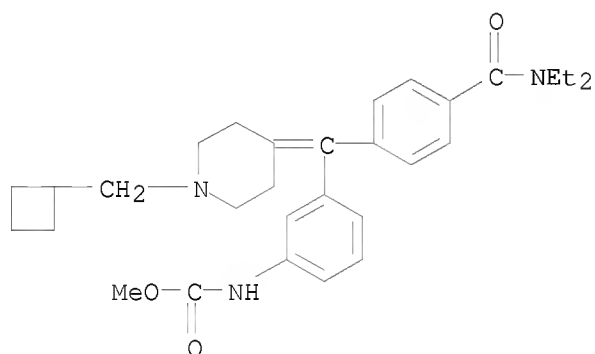
RN 859911-22-1 HCAPLUS

CN Carbamic acid, [3-[[1-(cyclobutylmethyl)-4-piperidinylidene][4-[(diethylamino)carbonyl]phenyl]methyl]phenyl]-, methyl ester, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 859911-21-0

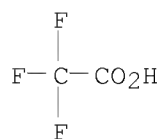
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CM 2

CRN 76-05-1

CMF C2 H F3 O2

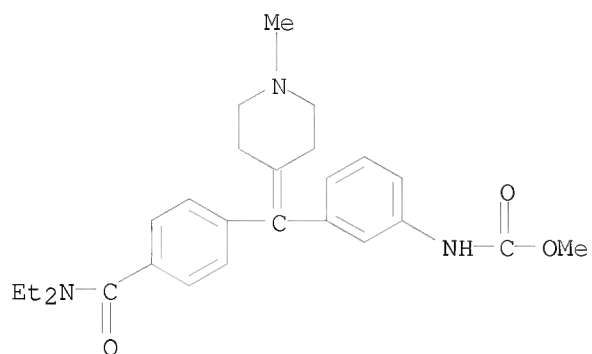


RN 859911-23-2 HCAPLUS

CN Carbamic acid, [3-[[4-[(diethylamino)carbonyl]phenyl](1-methyl-4-piperidinylidene)methyl]phenyl]-, methyl ester (9CI) (CA INDEX NAME)

Updated Search

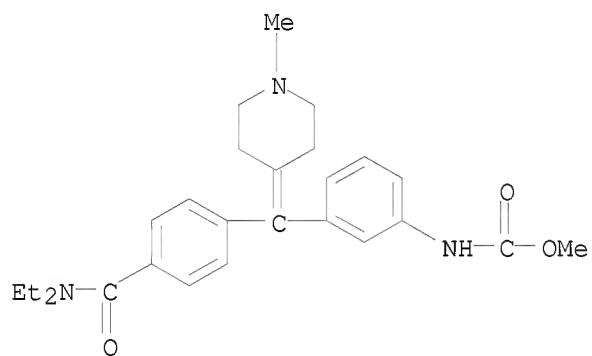
10533838



RN 859911-24-3 HCAPLUS  
CN Carbamic acid, [3-[[4-[(diethylamino)carbonyl]phenyl](1-methyl-4-piperidinylidene)methyl]phenyl]-, methyl ester, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

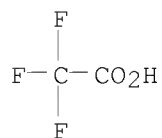
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CRN 859911-23-2  
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CM 2

CRN 76-05-1  
CMF C2 H F3 O2

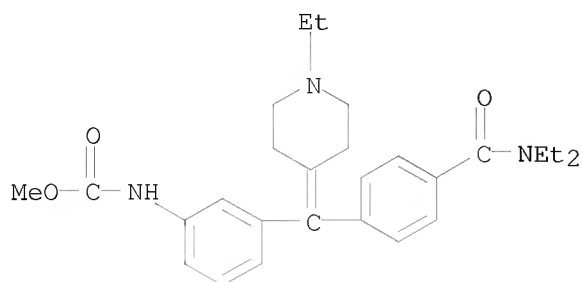


RN 859911-25-4 HCAPLUS

Updated Search

10533838

CN Carbamic acid, [3-[[4-[(diethylamino)carbonyl]phenyl](1-ethyl-4-piperidinyldiene)methyl]phenyl]-, methyl ester (9CI) (CA INDEX NAME)



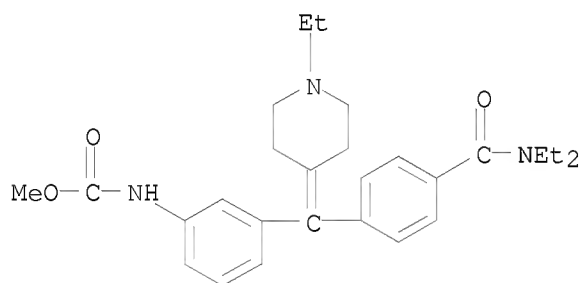
RN 859911-26-5 HCAPLUS

CN Carbamic acid, [3-[[4-[(diethylamino)carbonyl]phenyl](1-ethyl-4-piperidinyldiene)methyl]phenyl]-, methyl ester, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 859911-25-4

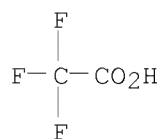
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CM 2

CRN 76-05-1

CMF C2 H F3 O2



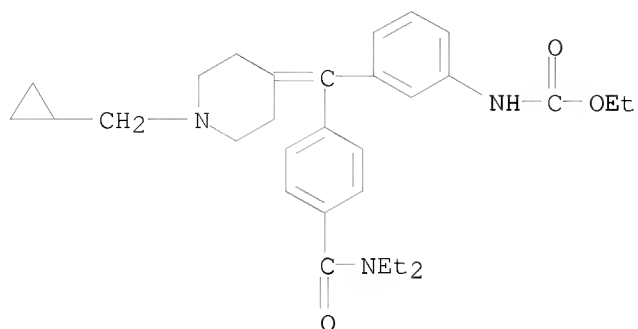
RN 859911-27-6 HCAPLUS

CN Carbamic acid, [3-[[1-(cyclopropylmethyl)-4-piperidinyldiene][4-[(diethylamino)carbonyl]phenyl]methyl]phenyl]-, ethyl ester (9CI) (CA

Updated Search

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INDEX NAME)



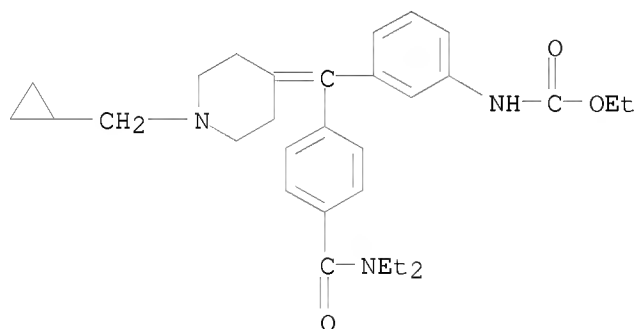
RN 859911-28-7 HCAPLUS

CN Carbamic acid, [3-[[1-(cyclopropylmethyl)-4-piperidinylidene][4-[(diethylamino)carbonyl]phenyl]methyl]phenyl]-, ethyl ester, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 859911-27-6

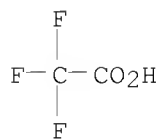
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CM 2

CRN 76-05-1

CMF C2 H F3 O2

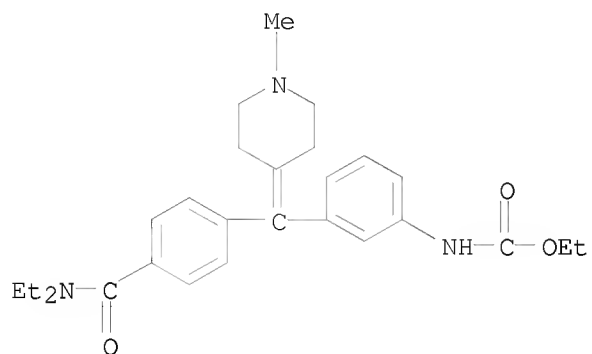


Updated Search

10533838

RN 859911-29-8 HCAPLUS

CN Carbamic acid, [3-[[4-[(diethylamino)carbonyl]phenyl](1-methyl-4-piperidinylidene)methyl]phenyl]-, ethyl ester (9CI) (CA INDEX NAME)



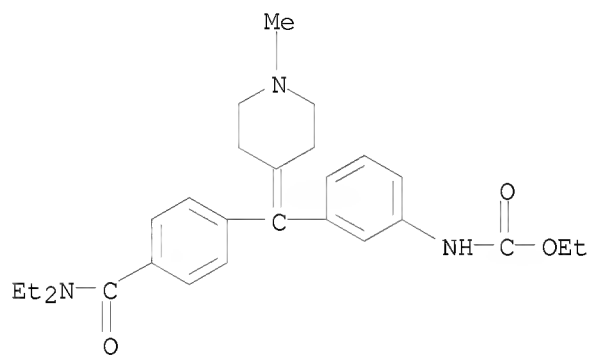
RN 859911-30-1 HCAPLUS

CN Carbamic acid, [3-[[4-[(diethylamino)carbonyl]phenyl](1-methyl-4-piperidinylidene)methyl]phenyl]-, ethyl ester, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 859911-29-8

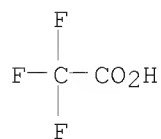
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CM 2

CRN 76-05-1

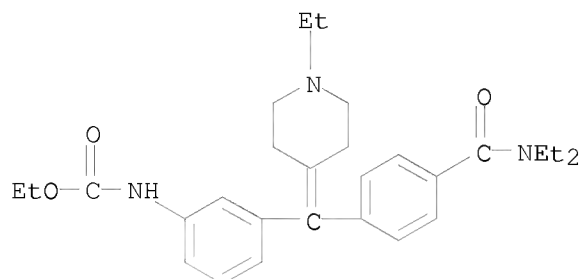
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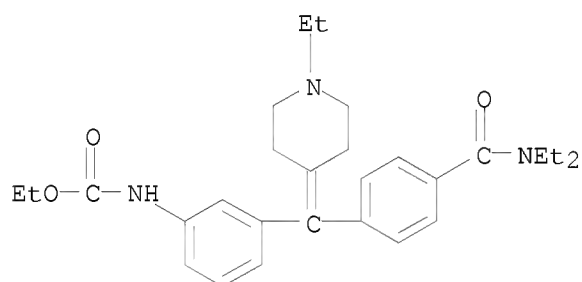
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CN Carbamic acid, [3-[[4-[(diethylamino)carbonyl]phenyl](1-ethyl-4-piperidinylidene)methyl]phenyl]-, ethyl ester (9CI) (CA INDEX NAME)



RN 859911-32-3 HCAPLUS  
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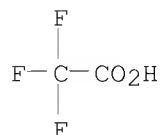
CM 1

CRN 859911-31-2  
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CM 2

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CMF C2 H F3 O2

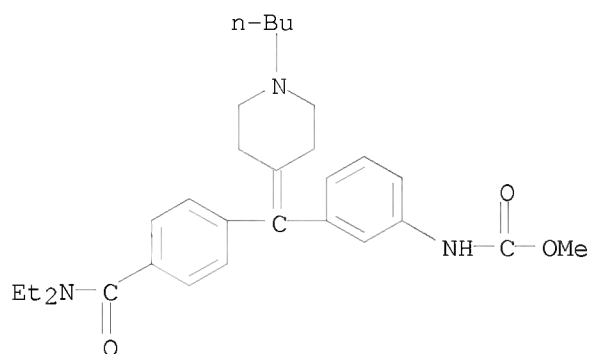


RN 859911-33-4 HCAPLUS  
CN Carbamic acid, [3-[(1-butyl-4-piperidinylidene)[4-

Updated Search

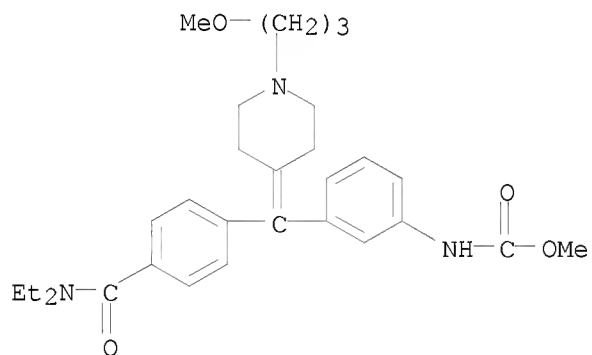
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[(diethylamino)carbonyl]phenyl[methyl]phenyl]-, methyl ester (9CI) (CA INDEX NAME)



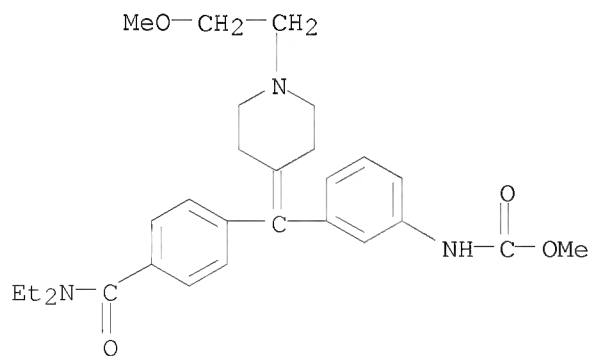
RN 859911-34-5 HCAPLUS

CN Carbamic acid, [3-[[4-[(diethylamino)carbonyl]phenyl][1-(3-methoxypropyl)-4-piperidinylidene]methyl]phenyl]-, methyl ester (9CI) (CA INDEX NAME)



RN 859911-35-6 HCAPLUS

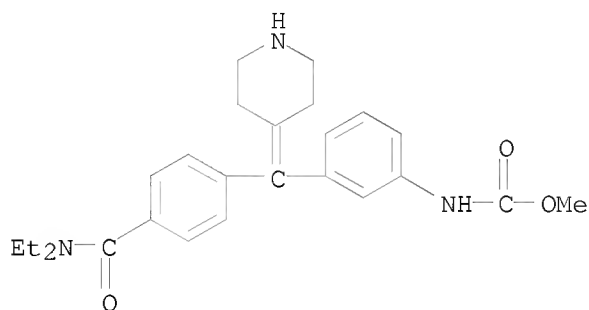
CN Carbamic acid, [3-[[4-[(diethylamino)carbonyl]phenyl][1-(2-methoxyethyl)-4-piperidinylidene]methyl]phenyl]-, methyl ester (9CI) (CA INDEX NAME)



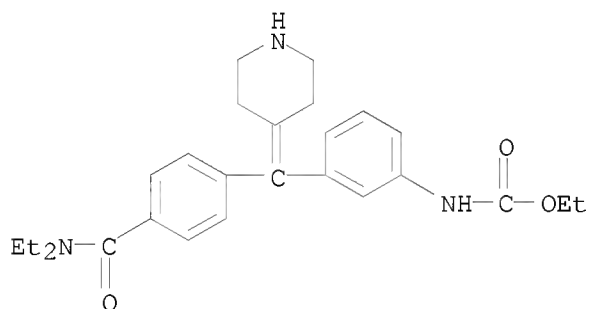
Updated Search

10533838

IT 725229-85-6P 859911-38-9P  
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
(Reactant or reagent)  
(preparation of diarylmethylidenylpiperidines for the management of pain)  
RN 725229-85-6 HCAPLUS  
CN Carbamic acid, [3-[[4-[(diethylamino)carbonyl]phenyl]-4-  
piperidinyldenemethyl]phenyl]-, methyl ester (9CI) (CA INDEX NAME)



RN 859911-38-9 HCAPLUS  
CN Carbamic acid, [3-[[4-[(diethylamino)carbonyl]phenyl]-4-  
piperidinyldenemethyl]phenyl]-, ethyl ester (9CI) (CA INDEX NAME)



REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 3 OF 7 HCAPLUS COPYRIGHT 2008 ACS on STN  
ACCESSION NUMBER: 2004:1016017 HCAPLUS  
DOCUMENT NUMBER: 142:6430  
TITLE: Preparation of diarylmethylidene piperidine  
derivatives as opioid  $\delta$  receptor ligands for  
treating pain, anxiety and functional gastrointestinal  
disorders  
INVENTOR(S): Brown, William L.; Griffin, Andrew; Jin,  
Shujuan  
PATENT ASSIGNEE(S): Astrazeneca AB, Swed.; Astrazeneca UK Limited  
SOURCE: PCT Int. Appl., 131 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent

Updated Search

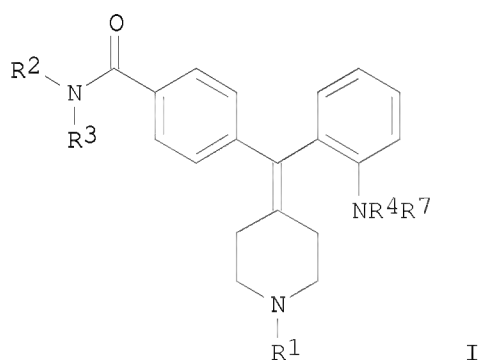


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LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004101522	A1	20041125	WO 2004-GB2074	20040513
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
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AU 2004238618	A1	20041125	AU 2004-238618	20040513
CA 2525860	A1	20041125	CA 2004-2525860	20040513
EP 1641757	A1	20060405	EP 2004-732665	20040513
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR				
BR 2004010347	A	20060530	BR 2004-10347	20040513
CN 1823040	A	20060823	CN 2004-80020330	20040513
JP 2007503457	T	20070222	JP 2006-530500	20040513
IN 2005DN04901	A	20071221	IN 2005-DN4901	20051026
US 20070099957	A1	20070503	US 2005-555980	20051108
MX 2005PA12117	A	20060208	MX 2005-PA12117	20051110
NO 2005005998	A	20060213	NO 2005-5998	20051216
PRIORITY APPLN. INFO.:			SE 2003-1444	A 20030516
			SE 2004-24	A 20040109
			WO 2004-GB2074	W 20040513

OTHER SOURCE(S): MARPAT 142:6430  
 GI



AB The title compds. [I; R1 = H, (un)substituted alkyl, aryl, etc.; R2-R4 = H, (un)substituted alkyl, cycloalkyl; R7 = H, OH, alkyl, etc.] which are useful in therapy, in particular in the management of pain, were prepared

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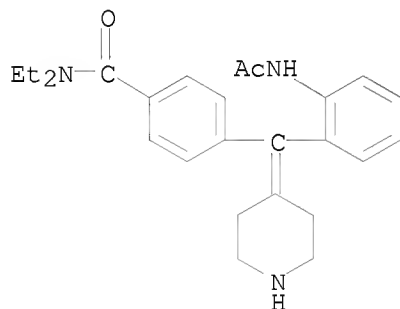
E.g., a multi-step synthesis of I [R1 = H; R2, R3 = Et; R4 = C(=O)Ph; R7 = H], starting from Me 4-(bromomethyl)benzoate, was given. The compds. I were found to be active toward human  $\delta$  receptors. Generally, for most of the compds. I the IC50 values are in the range of 0.48 nM to 17.9 nM. The pharmaceutical composition comprising the compound I is disclosed.

IT 798549-77-6P 798549-78-7P

RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)  
(preparation of diarylmethylidene piperidine derivs. as opioid  $\delta$  receptor ligands for treating pain, anxiety and functional gastrointestinal disorders)

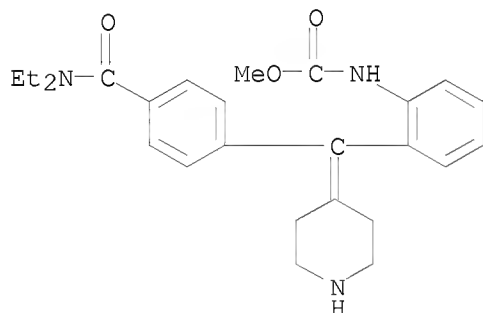
RN 798549-77-6 HCAPLUS

CN Benzamide, 4-[[2-(acetylamino)phenyl]-4-piperidinyldenemethyl]-N,N-diethyl- (CA INDEX NAME)



RN 798549-78-7 HCAPLUS

CN Carbamic acid, [2-[[4-[(diethylamino)carbonyl]phenyl]-4-piperidinyldenemethyl]phenyl]-, methyl ester (9CI) (CA INDEX NAME)



IT 798549-16-3P 798549-17-4P 798549-18-5P  
798549-19-6P 798549-21-0P 798549-22-1P  
798549-23-2P 798549-24-3P 798549-25-4P  
798549-26-5P 798549-27-6P 798549-28-7P  
798549-29-8P 798549-30-1P 798549-31-2P  
798549-32-3P 798549-35-6P 798549-36-7P  
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Updated Search

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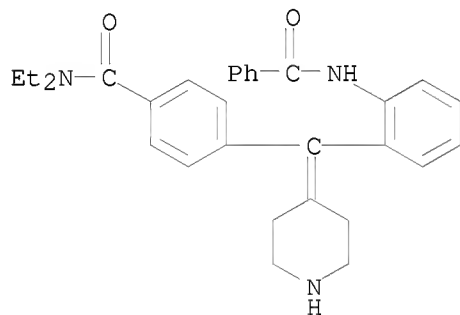
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798550-16-0P 798550-17-1P 798550-31-9P  
798550-32-0P 798550-33-1P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of diarylmethylidene piperidine derivs. as opioid  $\delta$  receptor ligands for treating pain, anxiety and functional gastrointestinal disorders)

RN 798549-16-3 HCAPLUS

CN Benzamide, 4-[[2-(benzoylamino)phenyl]-4-piperidinyldenemethyl]-N,N-diethyl- (CA INDEX NAME)



RN 798549-17-4 HCAPLUS

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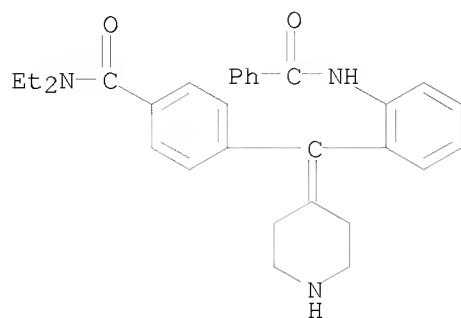
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Updated Search

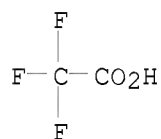
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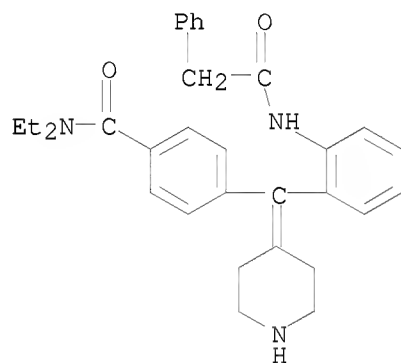
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RN 798549-18-5 HCAPLUS

CN Benzeneacetamide, N-[2-[[4-[(diethylamino)carbonyl]phenyl]-4-piperidinyldienemethyl]phenyl]- (CA INDEX NAME)



RN 798549-19-6 HCAPLUS

CN Benzeneacetamide, N-[2-[[4-[(diethylamino)carbonyl]phenyl]-4-piperidinyldienemethyl]phenyl]-, 2,2,2-trifluoroacetate (10:11) (CA INDEX NAME)

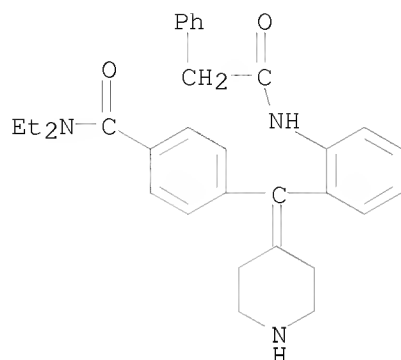
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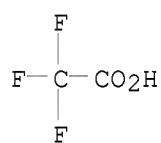
Updated Search

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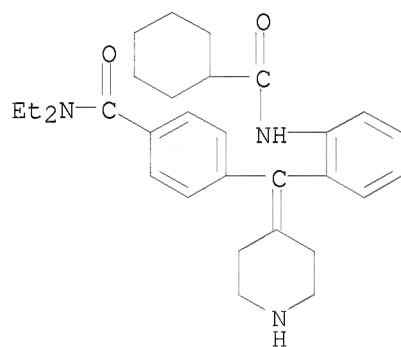


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CMF C2 H F3 O2



RN 798549-21-0 HCAPLUS  
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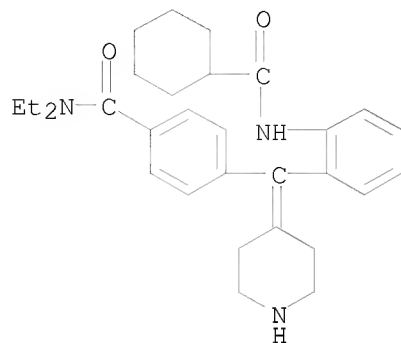
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CM 1

Updated Search

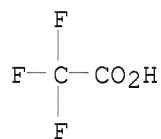
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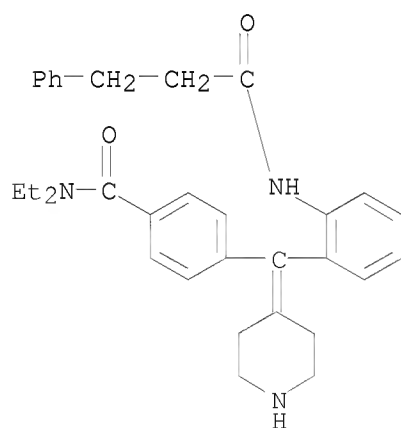


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RN 798549-23-2 HCAPLUS  
CN Benzenepropanamide, N-[2-[[4-[(diethylamino)carbonyl]phenyl]-4-piperidinylidenemethyl]phenyl]- (CA INDEX NAME)



RN 798549-24-3 HCAPLUS

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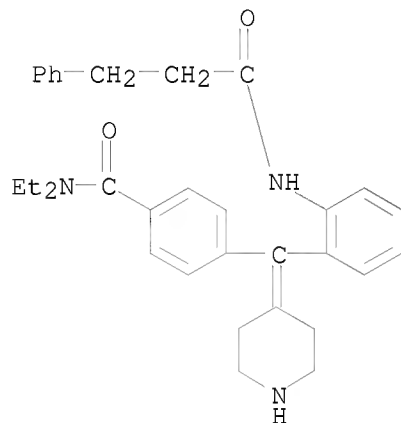
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CN Benzenepropanamide, N-[2-[[4-[(diethylamino)carbonyl]phenyl]-4-piperidinylidenemethyl]phenyl]-, 2,2,2-trifluoroacetate (5:7) (CA INDEX NAME)

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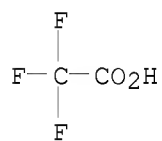
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CRN 76-05-1

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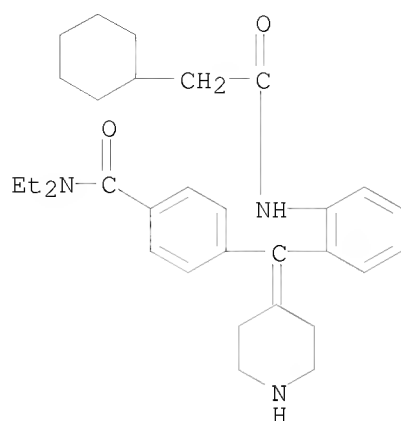


RN 798549-25-4 HCAPLUS

CN Benzamide, 4-[[2-[(2-cyclohexylacetyl)amino]phenyl]-4-piperidinylidenemethyl]-N,N-diethyl- (CA INDEX NAME)

Updated Search

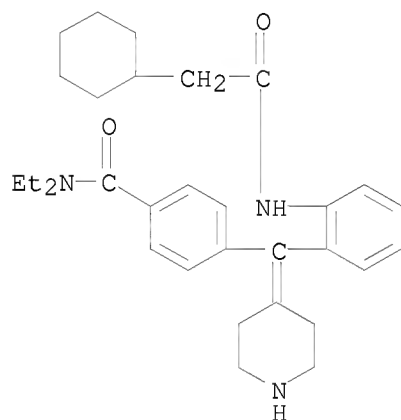
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RN 798549-26-5 HCAPLUS  
CN Benzamide, 4-[[2-[(2-cyclohexylacetyl)amino]phenyl]-4-piperidinylidenemethyl]-N,N-diethyl-, 2,2,2-trifluoroacetate (5:8) (CA INDEX NAME)

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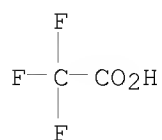
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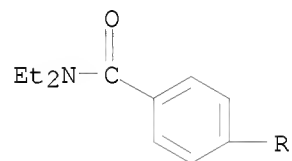
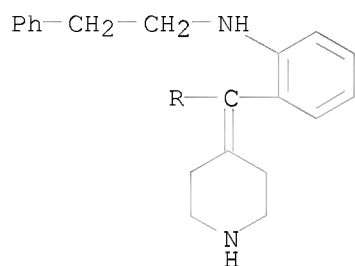


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RN 798549-27-6 HCAPLUS

CN Benzamide, N,N-diethyl-4-[[2-[(2-phenylethyl)amino]phenyl]-4-piperidinyldenemethyl]- (CA INDEX NAME)



RN 798549-28-7 HCAPLUS

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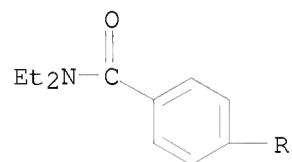
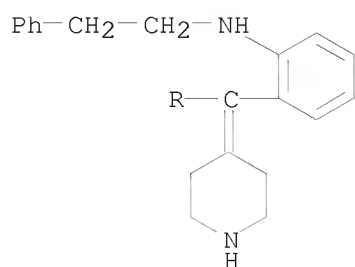
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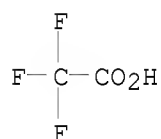
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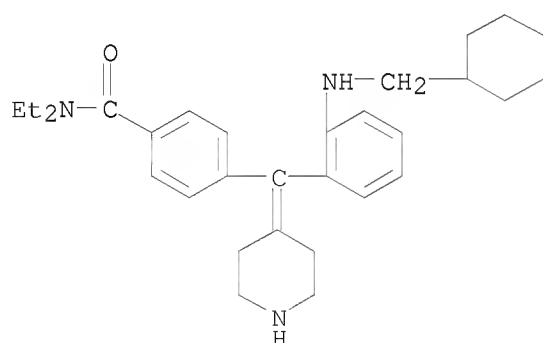
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RN 798549-29-8 HCAPLUS

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RN 798549-30-1 HCAPLUS

CN Benzamide, 4-[[2-[(cyclohexylmethyl)amino]phenyl]-4-piperidinylidenemethyl]-N,N-diethyl-, 2,2,2-trifluoroacetate (5:7) (CA INDEX NAME)

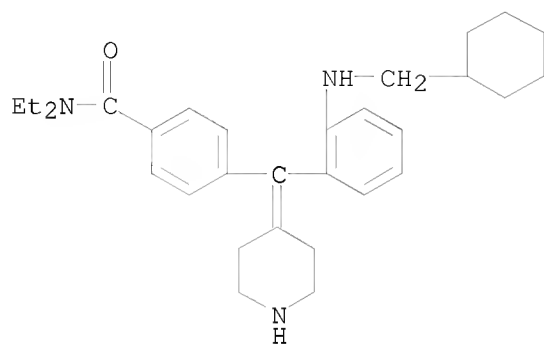
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CM 1

CRN 798549-29-8

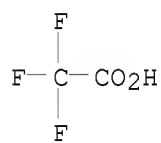
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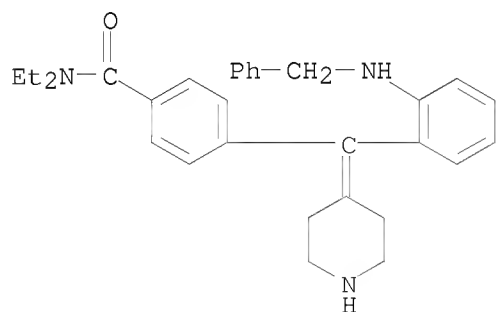
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RN 798549-31-2 HCAPLUS

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RN 798549-32-3 HCAPLUS

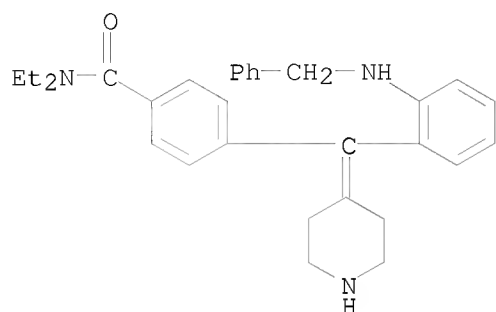
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Updated Search

10533838

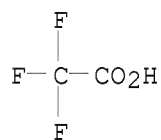
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CRN 798549-31-2  
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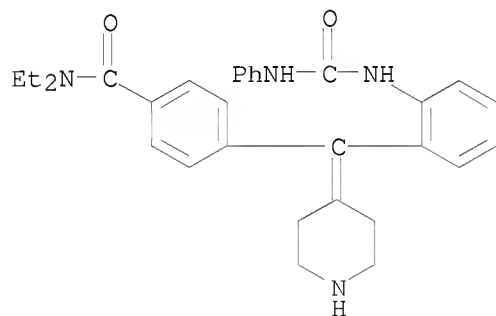


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CRN 76-05-1  
CMF C2 H F3 O2



RN 798549-35-6 HCAPLUS  
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RN 798549-36-7 HCAPLUS  
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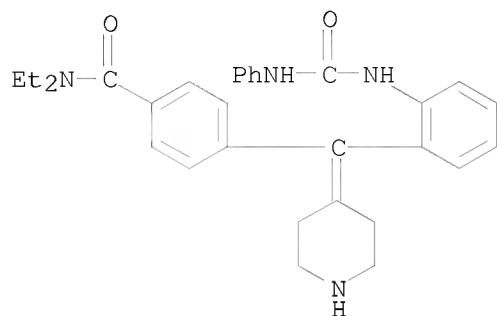
Updated Search

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CRN 798549-35-6

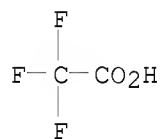
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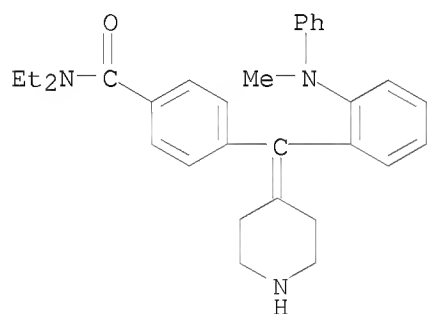
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RN 798549-39-0 HCAPLUS

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RN 798549-40-3 HCAPLUS

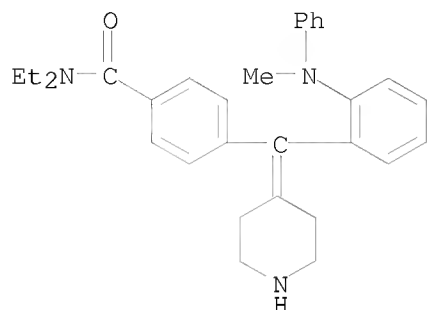
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CM 1

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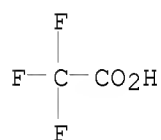
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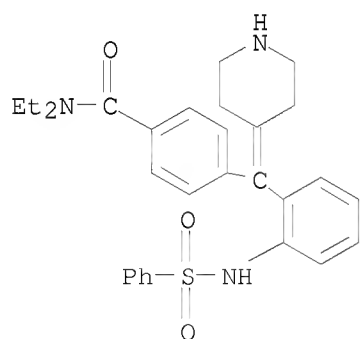


CM 2

CRN 76-05-1  
CMF C2 H F3 O2



RN 798549-41-4 HCAPLUS  
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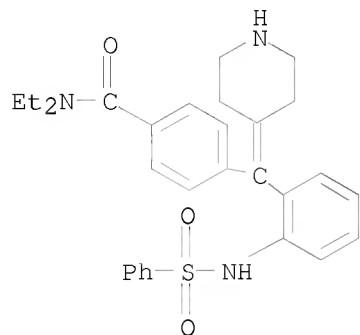
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CM 1

Updated Search

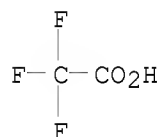
10533838

CRN 798549-41-4  
CMF C29 H33 N3 O3 S

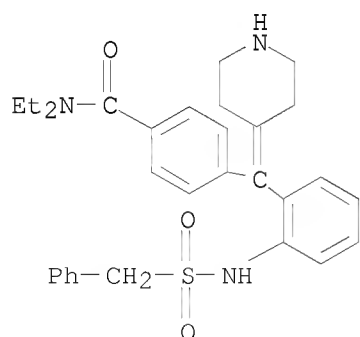


CM 2

CRN 76-05-1  
CMF C2 H F3 O2



RN 798549-43-6 HCAPLUS  
CN Benzamide, N,N-diethyl-4-[[2-[[[(phenylmethyl)sulfonyl]amino]phenyl]-4-piperidinylidenemethyl]- (CA INDEX NAME)



RN 798549-44-7 HCAPLUS  
CN Benzamide, N,N-diethyl-4-[[2-[[[(phenylmethyl)sulfonyl]amino]phenyl]-4-piperidinylidenemethyl]-, 2,2,2-trifluoroacetate (10:11) (CA INDEX NAME)

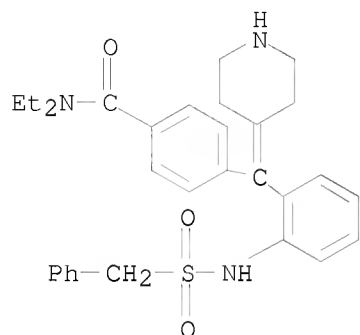
Updated Search

10533838

CM 1

CRN 798549-43-6

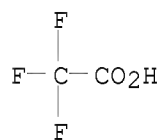
CMF C30 H35 N3 O3 S



CM 2

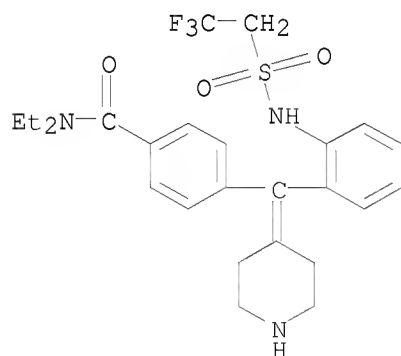
CRN 76-05-1

CMF C2 H F3 O2



RN 798549-45-8 HCAPLUS

CN Benzamide, N,N-diethyl-4-[4-piperidinyldene[2-[[ (2,2,2-trifluoroethyl)sulfonyl]amino]phenyl]methyl]- (CA INDEX NAME)



RN 798549-46-9 HCAPLUS

CN Benzamide, N,N-diethyl-4-[4-piperidinyldene[2-[[ (2,2,2-trifluoroethyl)sulfonyl]amino]phenyl]methyl]-, 2,2,2-trifluoroacetate

Updated Search



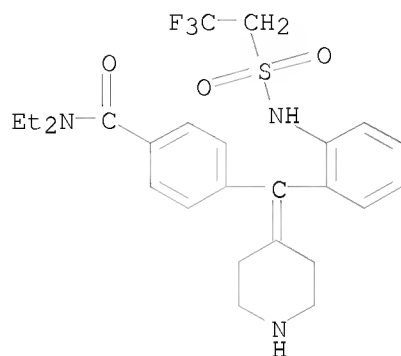
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(1:1) (CA INDEX NAME)

CM 1

CRN 798549-45-8

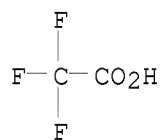
CMF C25 H30 F3 N3 O3 S



CM 2

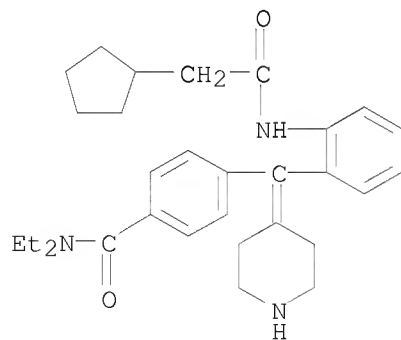
CRN 76-05-1

CMF C2 H F3 O2



RN 798549-47-0 HCAPLUS

CN Benzamide, 4-[[2-[(2-cyclopentylacetyl)amino]phenyl]-4-piperidinyldenemethyl]-N,N-diethyl- (CA INDEX NAME)



RN 798549-48-1 HCAPLUS

Updated Search

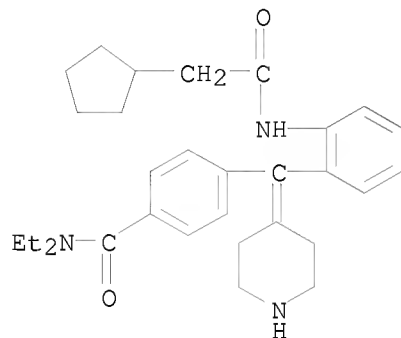
10533838

CN Benzamide, 4-[[2-[(2-cyclopentylacetyl)amino]phenyl]-4-piperidinylidenemethyl]-N,N-diethyl-, 2,2,2-trifluoroacetate (10:11) (CA INDEX NAME)

CM 1

CRN 798549-47-0

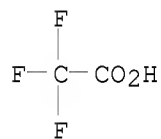
CMF C30 H39 N3 O2



CM 2

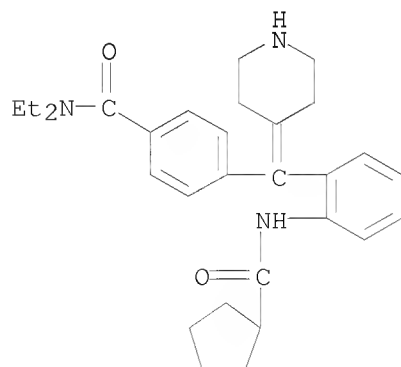
CRN 76-05-1

CMF C2 H F3 O2



RN 798549-49-2 HCAPLUS

CN Benzamide, 4-[[2-[(cyclopentylcarbonyl)amino]phenyl]-4-piperidinylidenemethyl]-N,N-diethyl- (CA INDEX NAME)



Updated Search

10533838

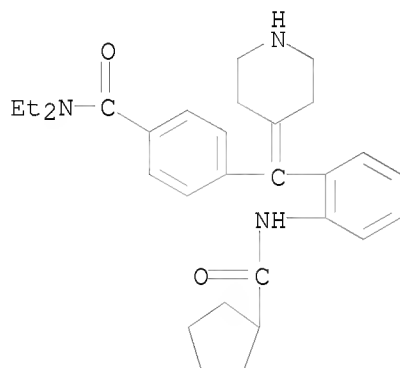
RN 798549-50-5 HCAPLUS

CN Benzamide, 4-[[2-[(cyclopentylcarbonyl)amino]phenyl]-4-piperidinylidenemethyl]-N,N-diethyl-, 2,2,2-trifluoroacetate (5:8) (CA INDEX NAME)

CM 1

CRN 798549-49-2

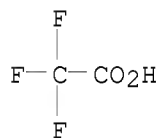
CMF C29 H37 N3 O2



CM 2

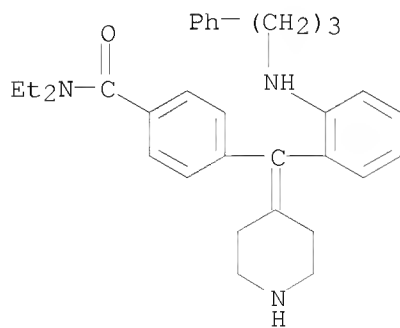
CRN 76-05-1

CMF C2 H F3 O2



RN 798549-51-6 HCAPLUS

CN Benzamide, N,N-diethyl-4-[[2-[(3-phenylpropyl)amino]phenyl]-4-piperidinylidenemethyl]- (CA INDEX NAME)



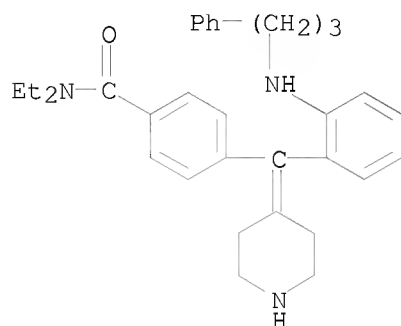
Updated Search

10533838

RN 798549-52-7 HCAPLUS  
CN Benzamide, N,N-diethyl-4-[[2-[(3-phenylpropyl)amino]phenyl]-4-piperidinylidenemethyl]-, 2,2,2-trifluoroacetate (5:9) (CA INDEX NAME)

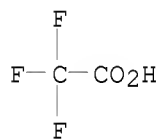
CM 1

CRN 798549-51-6  
CMF C32 H39 N3 O

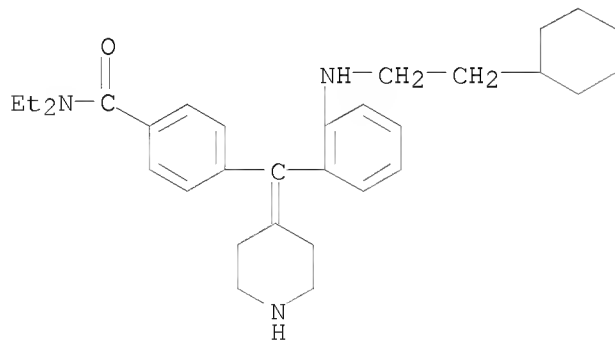


CM 2

CRN 76-05-1  
CMF C2 H F3 O2



RN 798549-53-8 HCAPLUS  
CN Benzamide, 4-[[2-[(2-cyclohexylethyl)amino]phenyl]-4-piperidinylidenemethyl]-N,N-diethyl- (CA INDEX NAME)



Updated Search

10533838

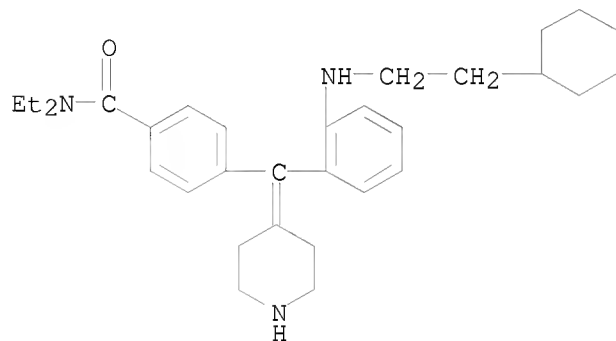
RN 798549-54-9 HCAPLUS

CN Benzamide, 4-[[2-[(2-cyclohexylethyl)amino]phenyl]-4-piperidinylidenemethyl]-N,N-diethyl-, 2,2,2-trifluoroacetate (10:13) (CA INDEX NAME)

CM 1

CRN 798549-53-8

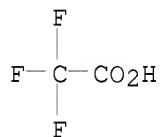
CMF C31 H43 N3 O



CM 2

CRN 76-05-1

CMF C2 H F3 O2

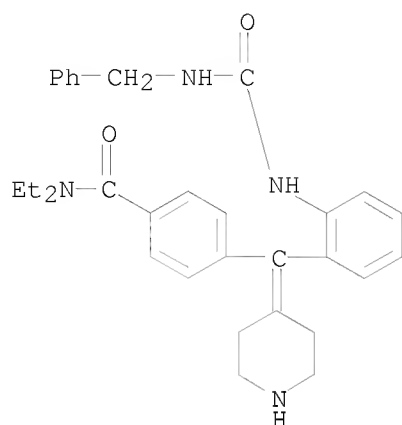


RN 798549-59-4 HCAPLUS

CN Benzamide, N,N-diethyl-4-[[2-[[[(phenylmethyl)amino]carbonyl]amino]phenyl]-4-piperidinylidenemethyl]- (CA INDEX NAME)

Updated Search

10533838



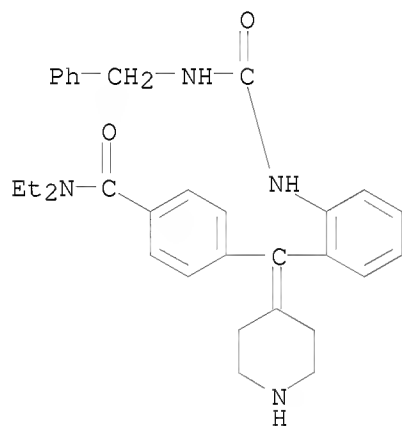
RN 798549-60-7 HCAPLUS

CN Benzamide, N,N-diethyl-4-[[2-[[[(phenylmethyl)amino]carbonyl]amino]phenyl]-4-piperidinylidenemethyl]-, 2,2,2-trifluoroacetate (5:6) (CA INDEX NAME)

CM 1

CRN 798549-59-4

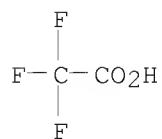
CMF C31 H36 N4 O2



CM 2

CRN 76-05-1

CMF C2 H F3 O2

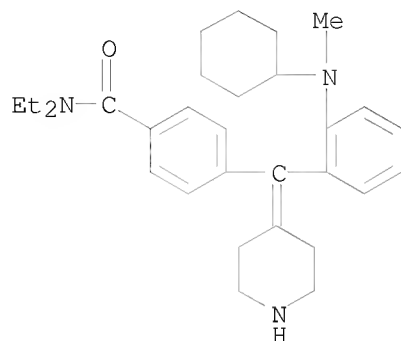


Updated Search

10533838

RN 798549-67-4 HCAPLUS

CN Benzamide, 4-[[2-(cyclohexylmethylamino)phenyl]-4-piperidinyldenemethyl]-  
N,N-diethyl- (CA INDEX NAME)



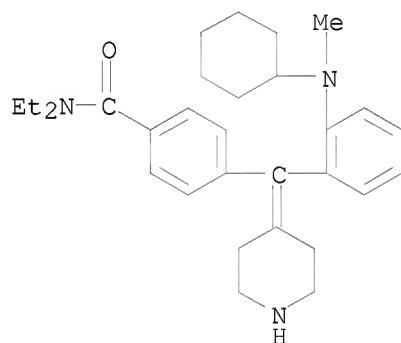
RN 798549-68-5 HCAPLUS

CN Benzamide, 4-[[2-(cyclohexylmethylamino)phenyl]-4-piperidinyldenemethyl]-  
N,N-diethyl-, 2,2,2-trifluoroacetate (2:5) (CA INDEX NAME)

CM 1

CRN 798549-67-4

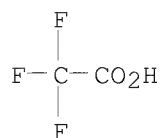
CMF C30 H41 N3 O



CM 2

CRN 76-05-1

CMF C2 H F3 O2

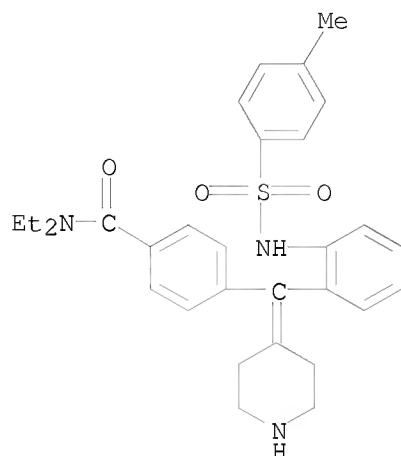


Updated Search

10533838

RN 798549-69-6 HCAPLUS

CN Benzamide, N,N-diethyl-4-[[2-[[[(4-methylphenyl)sulfonyl]amino]phenyl]-4-piperidinylidenemethyl]- (CA INDEX NAME)



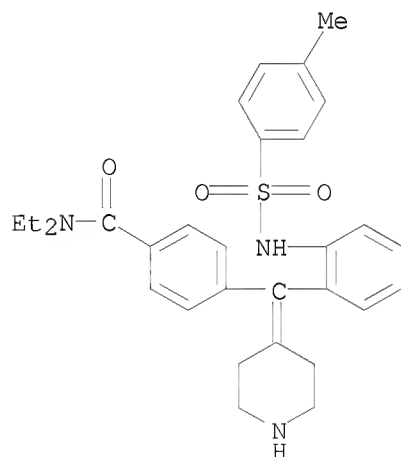
RN 798549-70-9 HCAPLUS

CN Benzamide, N,N-diethyl-4-[[2-[[[(4-methylphenyl)sulfonyl]amino]phenyl]-4-piperidinylidenemethyl]-, 2,2,2-trifluoroacetate (5:7) (CA INDEX NAME)

CM 1

CRN 798549-69-6

CMF C30 H35 N3 O3 S



CM 2

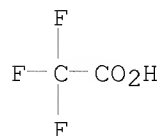
CRN 76-05-1

CMF C2 H F3 O2

Updated Search

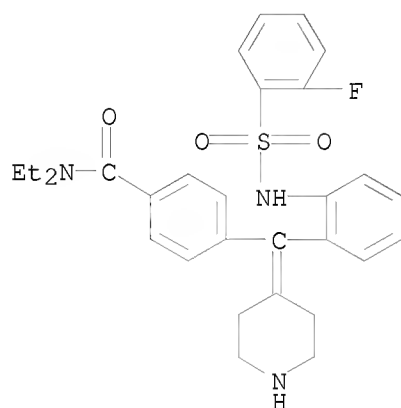


10533838



RN 798549-71-0 HCAPLUS

CN Benzamide, N,N-diethyl-4-[[2-[[[(2-fluorophenyl)sulfonyl]amino]phenyl]-4-piperidinylidenemethyl]- (CA INDEX NAME)



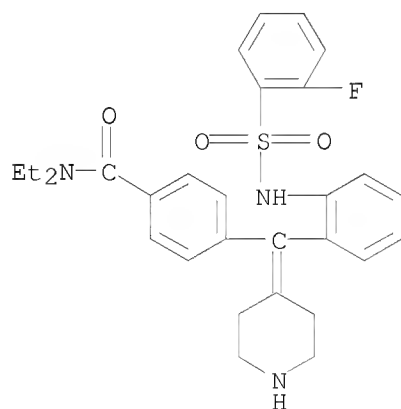
RN 798549-72-1 HCAPLUS

CN Benzamide, N,N-diethyl-4-[[2-[[[(2-fluorophenyl)sulfonyl]amino]phenyl]-4-piperidinylidenemethyl]-, 2,2,2-trifluoroacetate (5:6) (CA INDEX NAME)

CM 1

CRN 798549-71-0

CMF C29 H32 F N3 O3 S



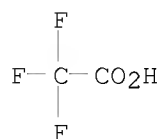
Updated Search

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CM 2

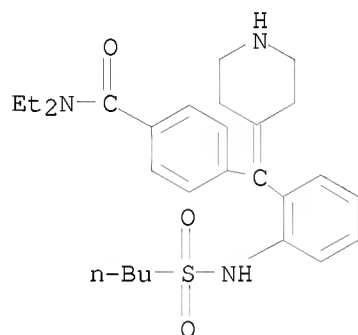
CRN 76-05-1

CMF C2 H F3 O2



RN 798549-73-2 HCAPLUS

CN Benzamide, 4-[[2-[(butylsulfonyl)amino]phenyl]-4-piperidinylidenemethyl]-N,N-diethyl- (CA INDEX NAME)



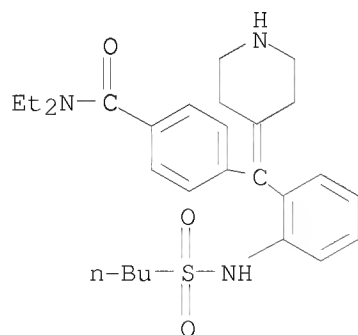
RN 798549-74-3 HCAPLUS

CN Benzamide, 4-[[2-[(butylsulfonyl)amino]phenyl]-4-piperidinylidenemethyl]-N,N-diethyl-, 2,2,2-trifluoroacetate (5:7) (CA INDEX NAME)

CM 1

CRN 798549-73-2

CMF C27 H37 N3 O3 S



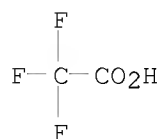
Updated Search

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CM 2

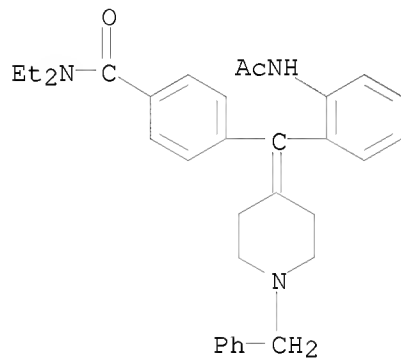
CRN 76-05-1

CMF C2 H F3 O2



RN 798549-79-8 HCAPLUS

CN Benzamide, 4-[[2-(acetylamino)phenyl][1-(phenylmethyl)-4-piperidinylidene]methyl]-N,N-diethyl- (CA INDEX NAME)



RN 798549-80-1 HCAPLUS

CN Benzamide, 4-[[2-(acetylamino)phenyl][1-(phenylmethyl)-4-piperidinylidene]methyl]-N,N-diethyl-, 2,2,2-trifluoroacetate (10:17) (CA INDEX NAME)

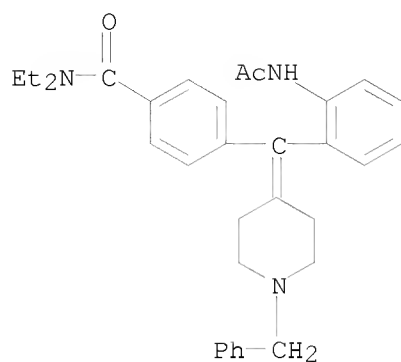
CM 1

CRN 798549-79-8

CMF C32 H37 N3 O2

Updated Search

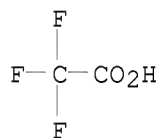
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CM 2

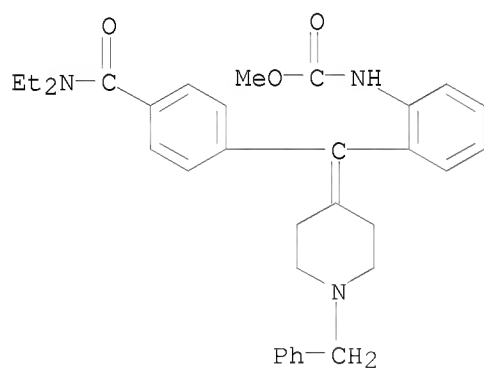
CRN 76-05-1

CMF C2 H F3 O2



RN 798549-81-2 HCAPLUS

CN Carbamic acid, [2-[[4-[(diethylamino)carbonyl]phenyl][1-(phenylmethyl)-4-piperidinylidene]methyl]phenyl]-, methyl ester (9CI) (CA INDEX NAME)



RN 798549-82-3 HCAPLUS

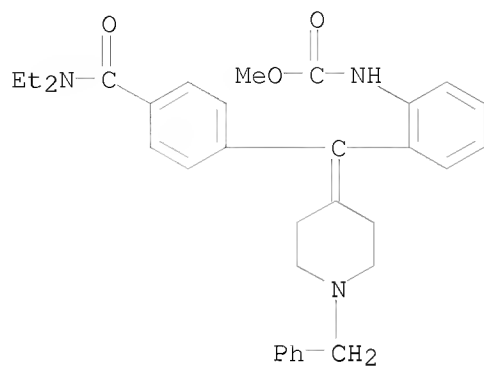
CN Carbamic acid, [2-[[4-[(diethylamino)carbonyl]phenyl][1-(phenylmethyl)-4-piperidinylidene]methyl]phenyl]-, methyl ester, trifluoroacetate (2:3) (9CI) (CA INDEX NAME)

CM 1

Updated Search

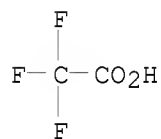
10533838

CRN 798549-81-2  
CMF C32 H37 N3 O3

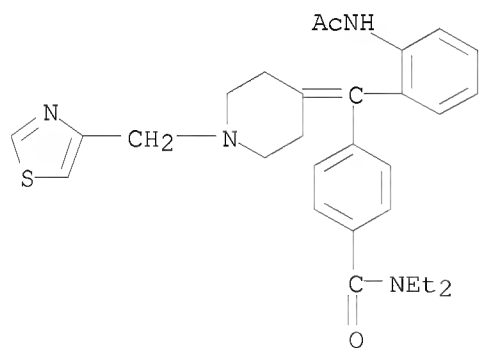


CM 2

CRN 76-05-1  
CMF C2 H F3 O2



RN 798549-85-6 HCAPLUS  
CN Benzamide, 4-[[2-(acetylamino)phenyl][1-(4-thiazolylmethyl)-4-piperidinylidene]methyl]-N,N-diethyl- (CA INDEX NAME)



RN 798549-86-7 HCAPLUS  
CN Benzamide, 4-[[2-(acetylamino)phenyl][1-(4-thiazolylmethyl)-4-piperidinylidene]methyl]-N,N-diethyl-, 2,2,2-trifluoroacetate (5:8) (CA INDEX NAME)

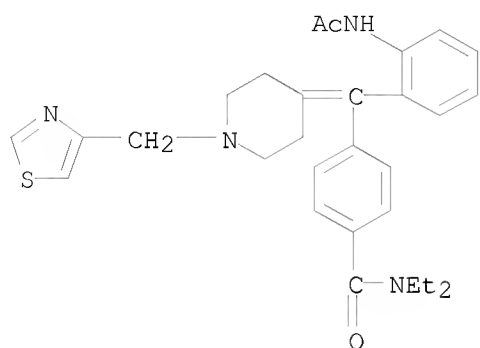
Updated Search

10533838

CM 1

CRN 798549-85-6

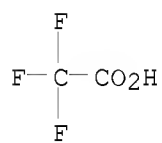
CMF C29 H34 N4 O2 S



CM 2

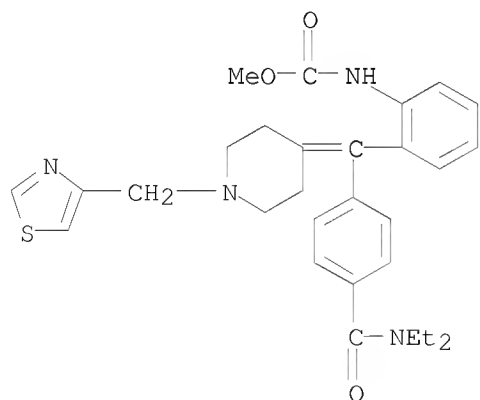
CRN 76-05-1

CMF C2 H F3 O2



RN 798549-87-8 HCAPLUS

CN Carbamic acid, [2-[[4-[(diethylamino)carbonyl]phenyl][1-(4-thiazolylmethyl)-4-piperidinyldene]methyl]phenyl]-, methyl ester (9CI)  
(CA INDEX NAME)



Updated Search

10533838

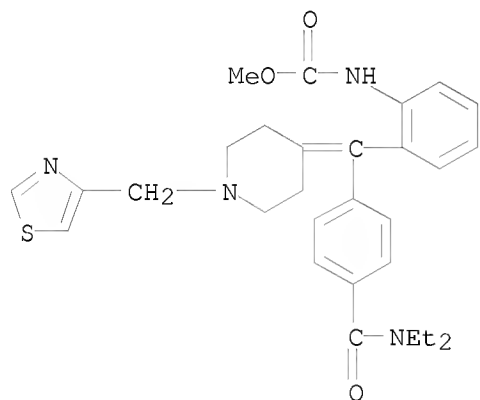
RN 798549-88-9 HCAPLUS

CN Carbamic acid, [2-[[4-[(diethylamino)carbonyl]phenyl][1-(4-thiazolylmethyl)-4-piperidinyldene]methyl]phenyl]-, methyl ester, trifluoroacetate (5:8) (9CI) (CA INDEX NAME)

CM 1

CRN 798549-87-8

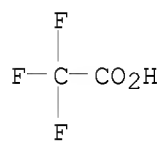
CMF C29 H34 N4 O3 S



CM 2

CRN 76-05-1

CMF C2 H F3 O2

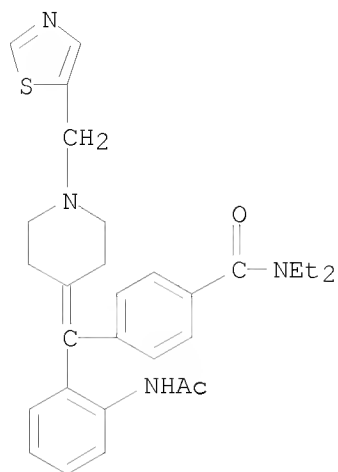


RN 798549-89-0 HCAPLUS

CN Benzamide, 4-[[2-(acetylaminophenyl][1-(5-thiazolylmethyl)-4-piperidinyldene]methyl]-N,N-diethyl- (CA INDEX NAME)

Updated Search

10533838



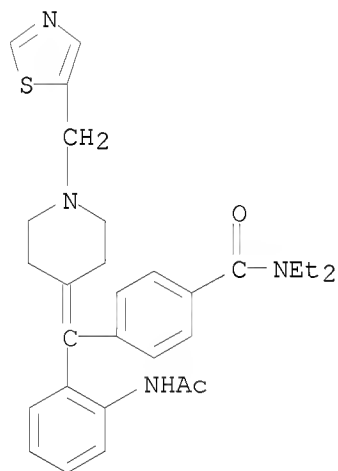
RN 798549-90-3 HCAPLUS

CN Benzamide, 4-[[2-(acetylamino)phenyl][1-(5-thiazolylmethyl)-4-piperidinylidene]methyl]-N,N-diethyl-, 2,2,2-trifluoroacetate (10:19) (CA INDEX NAME)

CM 1

CRN 798549-89-0

CMF C29 H34 N4 O2 S



CM 2

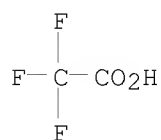
CRN 76-05-1

CMF C2 H F3 O2

Updated Search

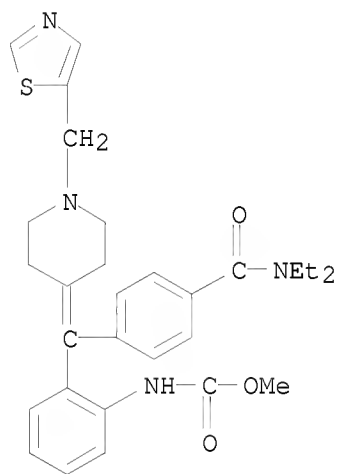


10533838



RN 798549-91-4 HCAPLUS

CN Carbamic acid, [2-[[4-[(diethylamino)carbonyl]phenyl][1-(5-thiazolylmethyl)-4-piperidinyldene]methyl]phenyl]-, methyl ester (9CI)  
(CA INDEX NAME)



RN 798549-92-5 HCAPLUS

CN Carbamic acid, [2-[[4-[(diethylamino)carbonyl]phenyl][1-(5-thiazolylmethyl)-4-piperidinyldene]methyl]phenyl]-, methyl ester, trifluoroacetate (10:17) (9CI) (CA INDEX NAME)

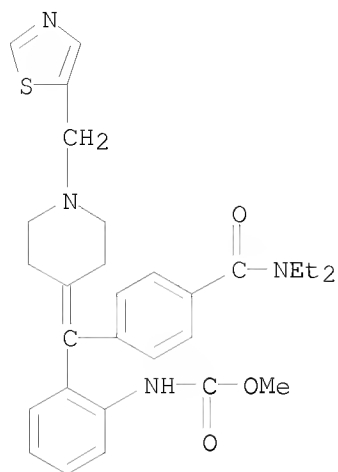
CM 1

CRN 798549-91-4

CMF C29 H34 N4 O3 S

Updated Search

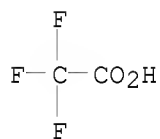
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CM 2

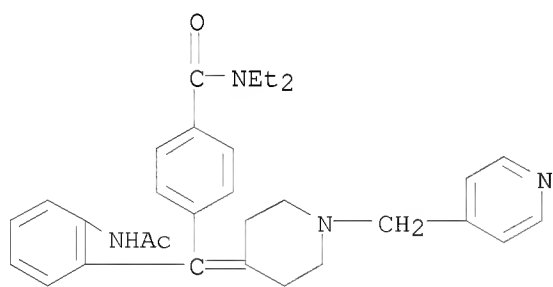
CRN 76-05-1

CMF C2 H F3 O2



RN 798549-97-0 HCAPLUS

CN Benzamide, 4-[[2-(acetylamino)phenyl][1-(4-pyridinylmethyl)-4-piperidinylidene]methyl]-N,N-diethyl- (CA INDEX NAME)

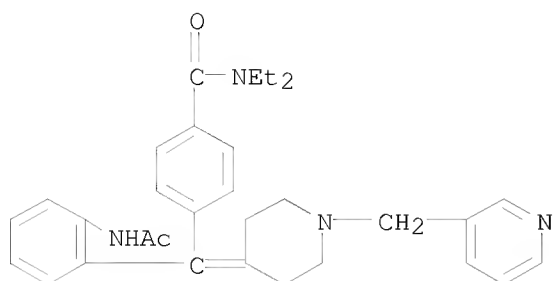


RN 798549-98-1 HCAPLUS

CN Benzamide, 4-[[2-(acetylamino)phenyl][1-(3-pyridinylmethyl)-4-piperidinylidene]methyl]-N,N-diethyl- (CA INDEX NAME)

Updated Search

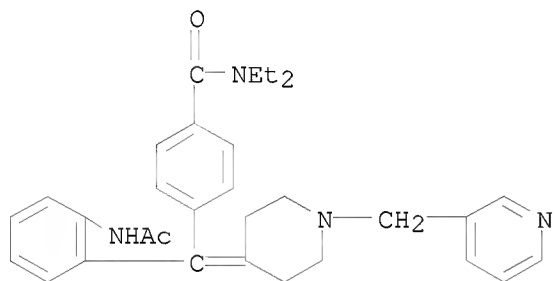
10533838



RN 798549-99-2 HCAPLUS  
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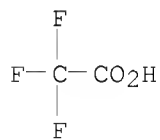
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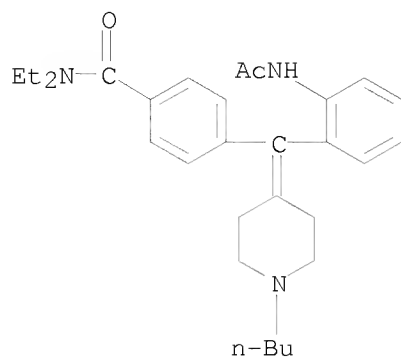
CRN 76-05-1  
CMF C2 H F3 O2



RN 798550-00-2 HCAPLUS  
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Updated Search

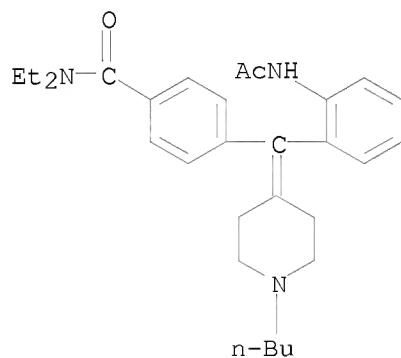
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RN 798550-01-3 HCAPLUS  
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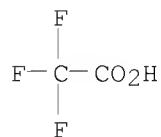
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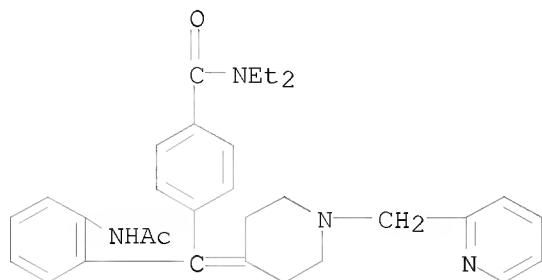


RN 798550-02-4 HCAPLUS  
CN Benzamide, 4-[[2-(acetylamino)phenyl][1-(2-pyridinylmethyl)-4-

Updated Search

10533838

piperidinylidene]methyl]-N,N-diethyl- (CA INDEX NAME)



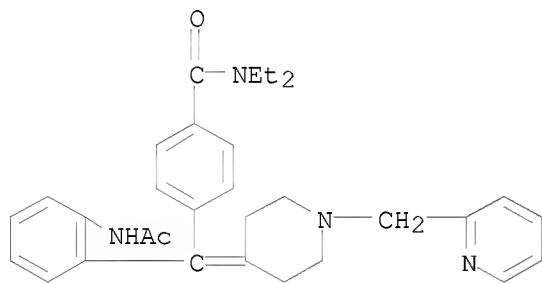
RN 798550-03-5 HCAPLUS

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CRN 798550-02-4

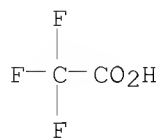
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CM 2

CRN 76-05-1

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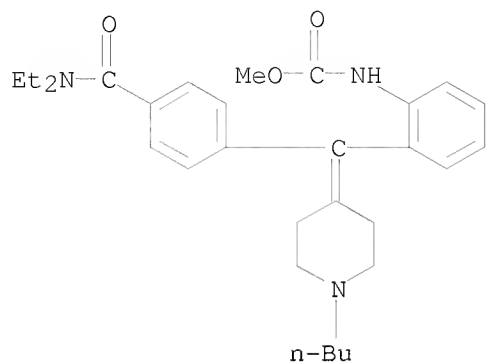


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Updated Search

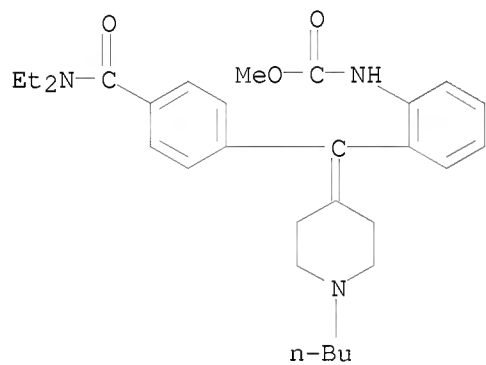
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RN 798550-05-7 HCAPLUS  
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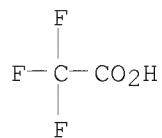
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CMF C29 H39 N3 O3



CM 2

CRN 76-05-1  
CMF C2 H F3 O2

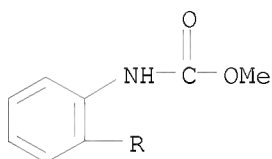
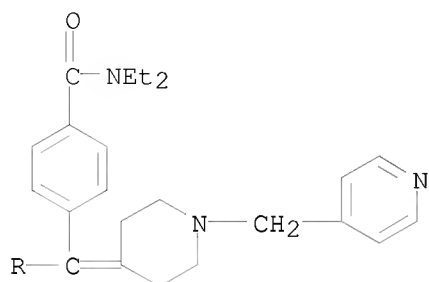


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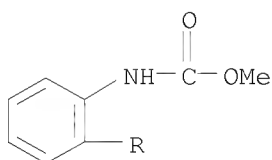
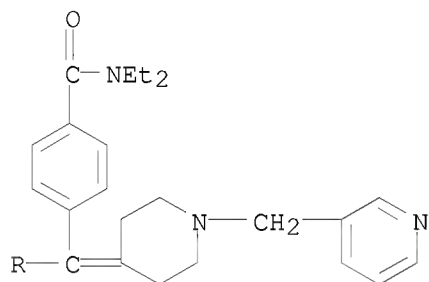
RN 798550-06-8 HCAPLUS

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(CA INDEX NAME)



RN 798550-07-9 HCAPLUS

CN Carbamic acid, [2-[[4-[(diethylamino)carbonyl]phenyl][1-(3-pyridinylmethyl)-4-piperidinyldene]methyl]phenyl]-, methyl ester (9CI)  
(CA INDEX NAME)



RN 798550-08-0 HCAPLUS

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Updated Search

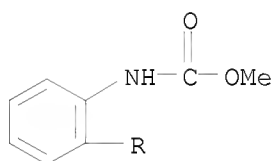
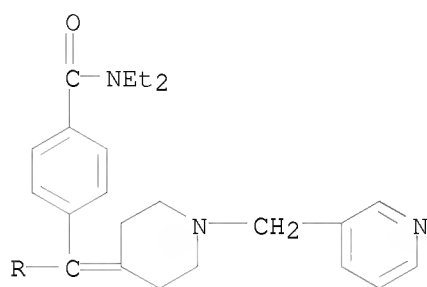
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pyridinylmethyl)-4-piperidinylidene]methyl]phenyl]-, methyl ester,  
bis(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 798550-07-9

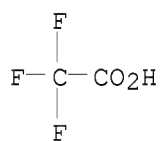
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CM 2

CRN 76-05-1

CMF C2 H F3 O2



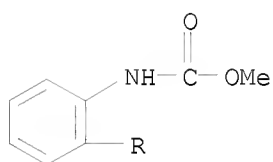
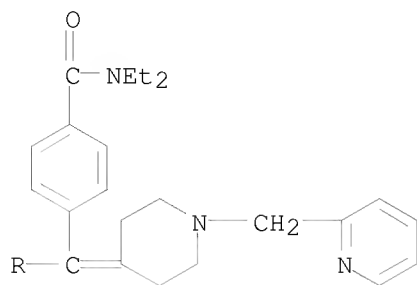
RN 798550-09-1 HCAPLUS

CN Carbamic acid, [2-[[4-[(diethylamino)carbonyl]phenyl][1-(2-pyridinylmethyl)-4-piperidinylidene]methyl]phenyl]-, methyl ester (9CI)  
(CA INDEX NAME)

Updated Search

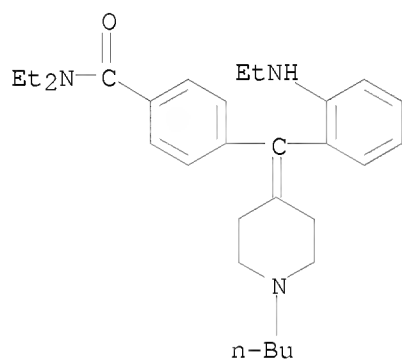


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RN 798550-10-4 HCAPLUS

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N,N-diethyl- (CA INDEX NAME)



RN 798550-11-5 HCAPLUS

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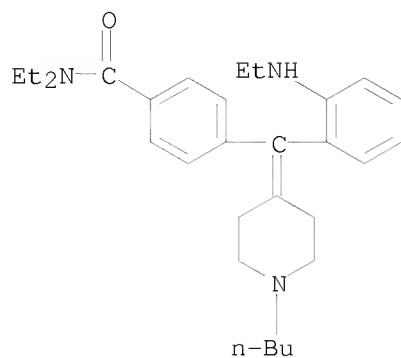
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Updated Search

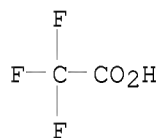
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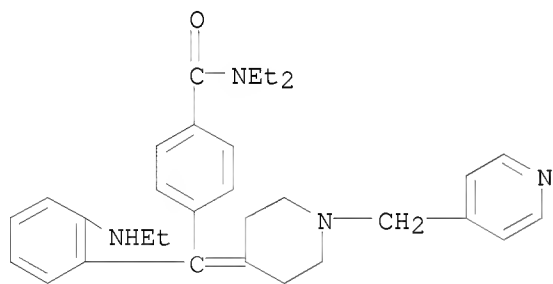
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CMF C2 H F3 O2



RN 798550-12-6 HCAPLUS

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RN 798550-13-7 HCAPLUS

CN Benzamide, N,N-diethyl-4-[[2-(ethylamino)phenyl][1-(4-pyridinylmethyl)-4-piperidinylidene]methyl]-, 2,2,2-trifluoroacetate (10:23) (CA INDEX NAME)

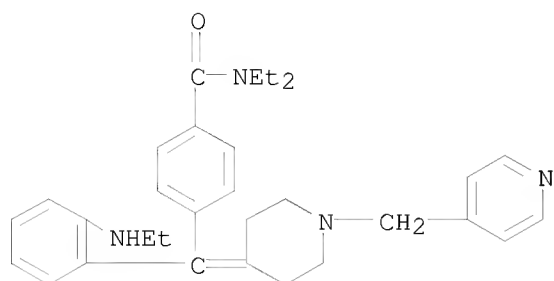
CM 1

CRN 798550-12-6

CMF C31 H38 N4 O

Updated Search

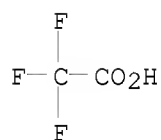
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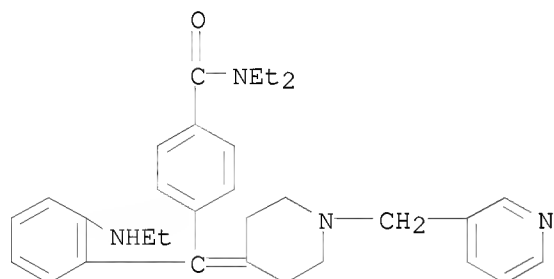
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RN 798550-15-9 HCAPLUS

CN Benzamide, N,N-diethyl-4-[[2-(ethylamino)phenyl][1-(3-pyridinylmethyl)-4-piperidinylidene]methyl]-, 2,2,2-trifluoroacetate (10:23) (CA INDEX NAME)

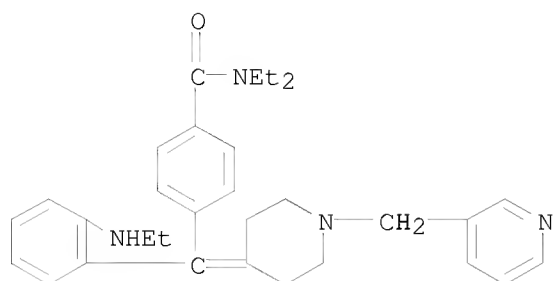
CM 1

CRN 798550-14-8

CMF C31 H38 N4 O

Updated Search

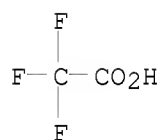
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CM 2

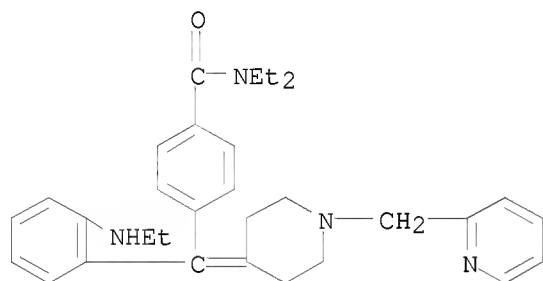
CRN 76-05-1

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RN 798550-16-0 HCAPLUS

CN Benzamide, N,N-diethyl-4-[[2-(ethylamino)phenyl][1-(2-pyridinylmethyl)-4-piperidinylidene]methyl]- (CA INDEX NAME)



RN 798550-17-1 HCAPLUS

CN Benzamide, N,N-diethyl-4-[[2-(ethylamino)phenyl][1-(2-pyridinylmethyl)-4-piperidinylidene]methyl]-, 2,2,2-trifluoroacetate (2:3) (CA INDEX NAME)

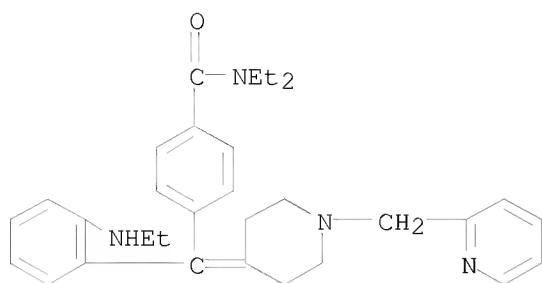
CM 1

CRN 798550-16-0

CMF C31 H38 N4 O

Updated Search

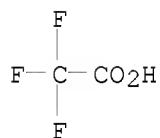
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CM 2

CRN 76-05-1

CMF C2 H F3 O2



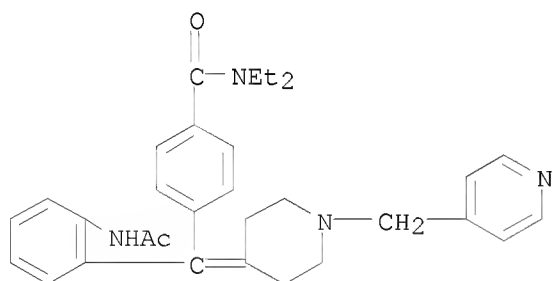
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CRN 798549-97-0

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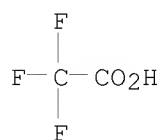
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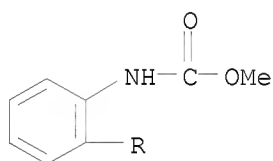
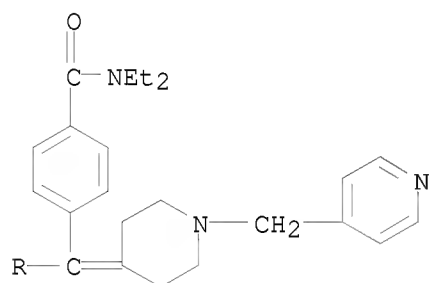
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CRN 798550-06-8

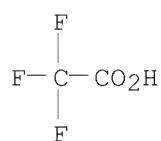
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CM 2

CRN 76-05-1

CMF C2 H F3 O2



RN 798550-33-1 HCAPLUS

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Updated Search

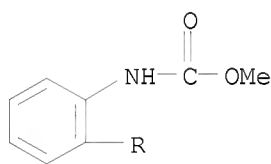
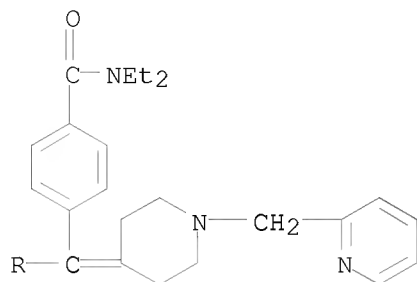
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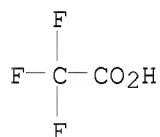
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CM 2

CRN 76-05-1

CMF C2 H F3 O2



REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 4 OF 7 HCAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2004:610034 HCAPLUS

DOCUMENT NUMBER: 141:140326

TITLE: Preparation of diarylmethylidene piperidines as  $\delta$ -opioid receptor ligands for the treatment of pain.

INVENTOR(S): Brown, William; Griffin, Andrew; Walpole, Christopher

PATENT ASSIGNEE(S): Astrazeneca Ab, Swed.; Astrazeneca UK Limited

SOURCE: PCT Int. Appl., 60 pp.

Updated Search

10533838

CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004062562	A2	20040729	WO 2004-GB99	20040113
WO 2004062562	A3	20040916		
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AU 2004204390	B2	20070906		
CA 2510382	A1	20040729	CA 2004-2510382	20040113
EP 1587790	A2	20051026	EP 2004-701624	20040113
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
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CN 1738801	A	20060222	CN 2004-80002275	20040113
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MX 2005PA07484	A	20050921	MX 2005-PA7484	20050711
NO 2005003809	A	20051017	NO 2005-3809	20050812
PRIORITY APPLN. INFO.:			SE 2003-105	A 20030116
			WO 2004-GB99	W 20040113
OTHER SOURCE(S):			MARPAT 141:140326	
GI				

\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

AB Title compds. I [R1 = (un)substituted aryl, heteroaryl; R2, R3, R4, R5 = H, alkyl, cycloalkyl] and their pharmaceutically acceptable salts were prepared For example, acylation of aniline II [R6 = H], e.g., prepared from 4-(bromomethyl)benzoic acid Me ester in 8-steps, with acetyl chloride afforded piperidine II [R6 = COMe] as the trifluoroacetic acid salt in 52% yield. In human  $\delta$ -opioid receptor binding assays, 7-examples of compds. I exhibited IC50 values ranging from 0.19-1.49 nM. Compds. I are claimed useful in the management of pain.

IT 725242-56-8P, 4-[[3-(Acetylamino)phenyl][1-(thien-2-ylmethyl)piperidin-4-ylidene]methyl]-N,N-diethylbenzamide  
725242-57-9P, 4-[[3-(Acetylamino)phenyl][1-(2-furylmethyl)piperidin-4-ylidene]methyl]-N,N-diethylbenzamide  
725242-58-0P, 4-[[3-(Acetylamino)phenyl][1-(phenylmethyl)-4-piperidinyldiene]methyl]-N,N-diethylbenzamide 725242-59-1P, 4-[[3-(Acetylamino)phenyl][1-(3-thienylmethyl)-4-piperidinyldiene]methyl]-N,N-diethylbenzamide 725242-60-4P, 4-[[3-(Acetylamino)phenyl][1-



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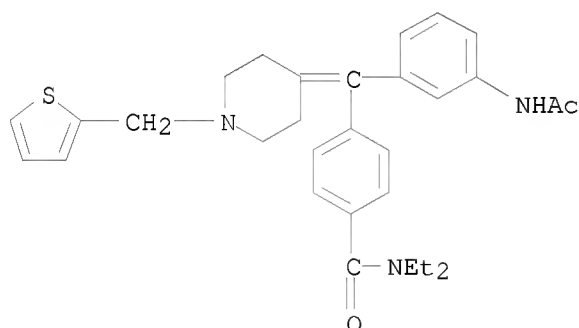
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725242-88-6P 725242-90-0P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU  
(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES  
(Uses)

(preparation of diarylmethylidene piperidines as  $\delta$ -opioid receptor  
ligands for the treatment of pain.)

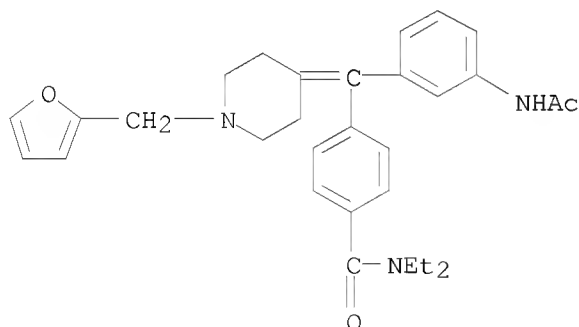
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RN 725242-57-9 HCAPLUS

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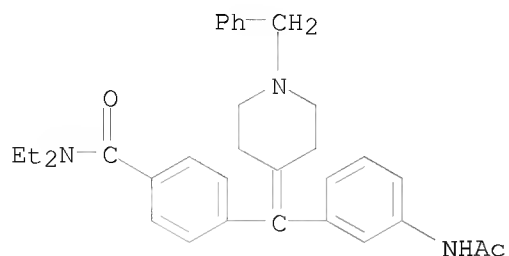


RN 725242-58-0 HCAPLUS

Updated Search

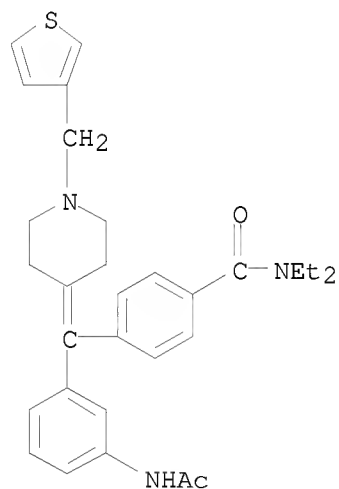
10533838

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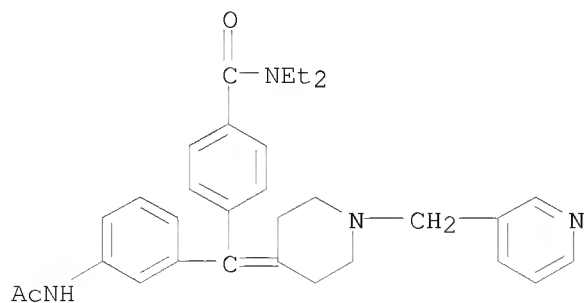
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RN 725242-60-4 HCAPLUS

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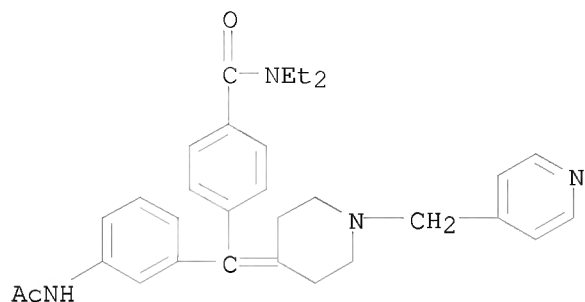


Updated Search

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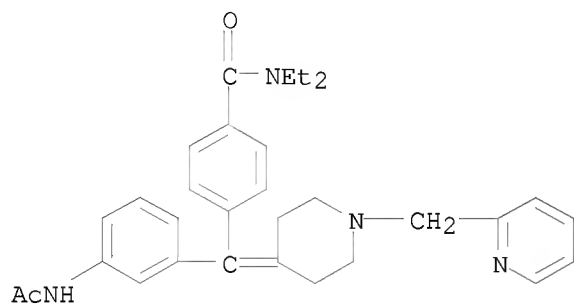
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CN Benzamide, 4-[[3-(acetylamino)phenyl][1-(4-pyridinylmethyl)-4-piperidinylidene]methyl]-N,N-diethyl- (CA INDEX NAME)



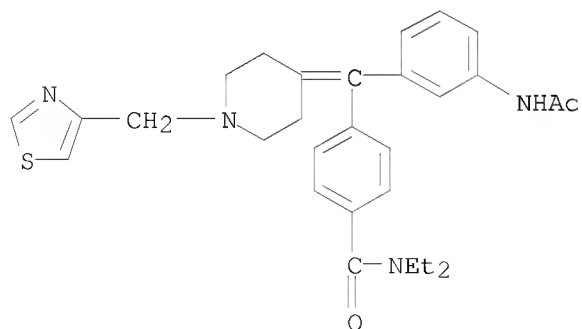
RN 725242-62-6 HCAPLUS

CN Benzamide, 4-[[3-(acetylamino)phenyl][1-(2-pyridinylmethyl)-4-piperidinylidene]methyl]-N,N-diethyl- (CA INDEX NAME)



RN 725242-63-7 HCAPLUS

CN Benzamide, 4-[[3-(acetylamino)phenyl][1-(4-thiazolylmethyl)-4-piperidinylidene]methyl]-N,N-diethyl- (CA INDEX NAME)

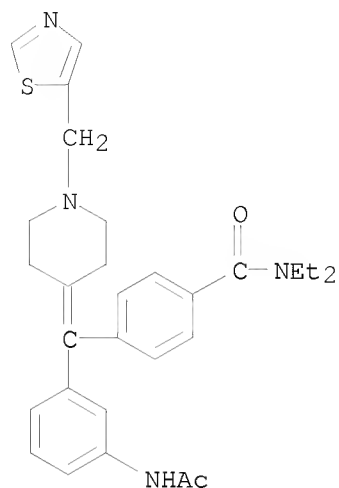


RN 725242-64-8 HCAPLUS

Updated Search

10533838

CN Benzamide, 4-[[3-(acetylamino)phenyl][1-(5-thiazolylmethyl)-4-piperidinylidene]methyl]-N,N-diethyl- (CA INDEX NAME)



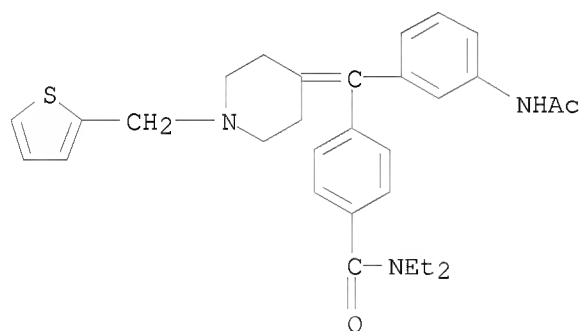
RN 725242-67-1 HCAPLUS

CN Benzamide, 4-[[3-(acetylamino)phenyl][1-(2-thienylmethyl)-4-piperidinylidene]methyl]-N,N-diethyl-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 725242-56-8

CMF C30 H35 N3 O2 S



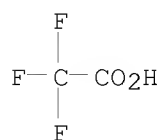
CM 2

CRN 76-05-1

CMF C2 H F3 O2

Updated Search

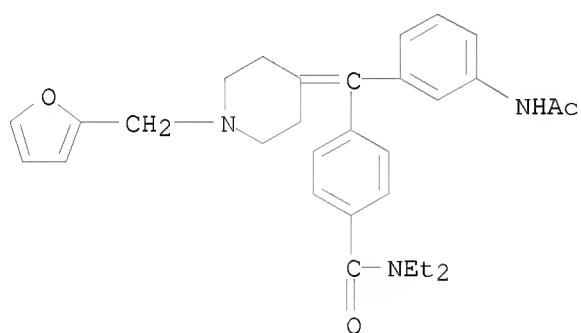
10533838



RN 725242-70-6 HCAPLUS  
CN Benzamide, 4-[[3-(acetylamino)phenyl][1-(2-furanylmethyl)-4-piperidinylidene]methyl]-N,N-diethyl-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

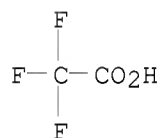
CM 1

CRN 725242-57-9  
CMF C30 H35 N3 O3



CM 2

CRN 76-05-1  
CMF C2 H F3 O2



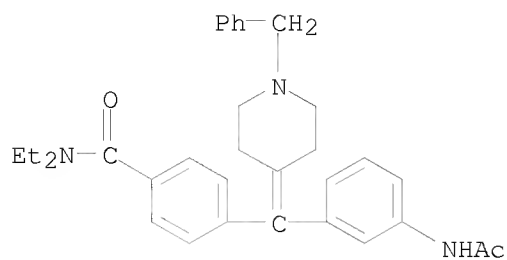
RN 725242-71-7 HCAPLUS  
CN Benzamide, 4-[[3-(acetylamino)phenyl][1-(phenylmethyl)-4-piperidinylidene]methyl]-N,N-diethyl-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 725242-58-0  
CMF C32 H37 N3 O2

Updated Search

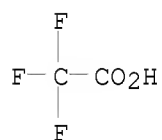
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CM 2

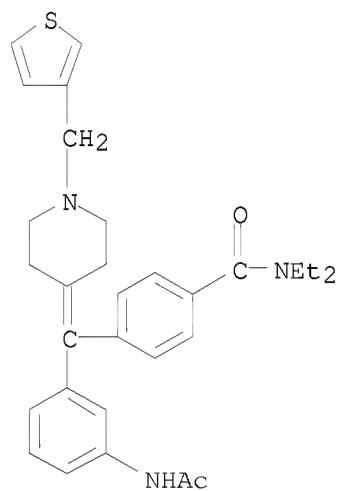
CRN 76-05-1

CMF C2 H F3 O2



RN 725242-75-1 HCAPLUS

CN Benzamide, 4-[[3-(acetamino)phenyl][1-(3-thienylmethyl)-4-piperidinylidene]methyl]-N,N-diethyl-, hydrochloride (1:1) (CA INDEX NAME)



● HCl

RN 725242-80-8 HCAPLUS

Updated Search

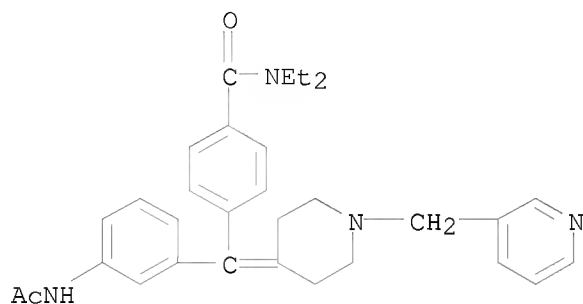
10533838

CN Benzamide, 4-[[3-(acetylamino)phenyl][1-(3-pyridinylmethyl)-4-piperidinylidene]methyl]-N,N-diethyl-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 725242-60-4

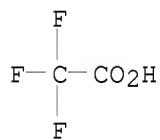
CMF C31 H36 N4 O2



CM 2

CRN 76-05-1

CMF C2 H F3 O2



RN 725242-83-1 HCAPLUS

CN Benzamide, 4-[[3-(acetylamino)phenyl][1-(4-pyridinylmethyl)-4-piperidinylidene]methyl]-N,N-diethyl-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

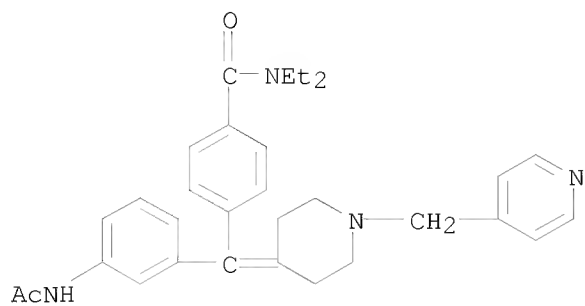
CM 1

CRN 725242-61-5

CMF C31 H36 N4 O2

Updated Search

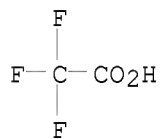
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CM 2

CRN 76-05-1

CMF C2 H F3 O2



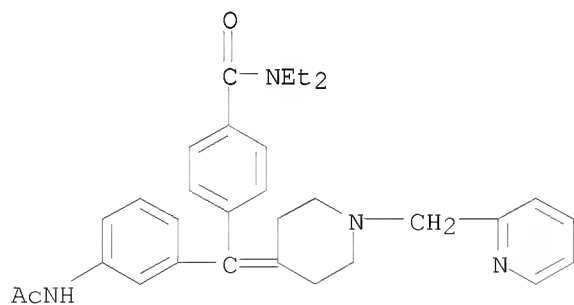
RN 725242-87-5 HCAPLUS

CN Benzamide, 4-[[3-(acetylamino)phenyl][1-(2-pyridinylmethyl)-4-piperidinylidene]methyl]-N,N-diethyl-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 725242-62-6

CMF C31 H36 N4 O2



CM 2

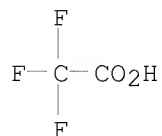
CRN 76-05-1

CMF C2 H F3 O2

Updated Search



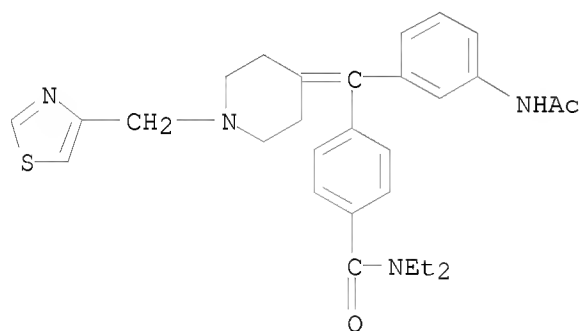
10533838



RN 725242-88-6 HCAPLUS  
CN Benzamide, 4-[[3-(acetylamino)phenyl][1-(4-thiazolylmethyl)-4-piperidinylidene]methyl]-N,N-diethyl-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

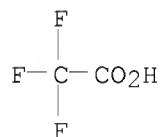
CM 1

CRN 725242-63-7  
CMF C29 H34 N4 O2 S



CM 2

CRN 76-05-1  
CMF C2 H F3 O2



RN 725242-90-0 HCAPLUS  
CN Benzamide, 4-[[3-(acetylamino)phenyl][1-(5-thiazolylmethyl)-4-piperidinylidene]methyl]-N,N-diethyl-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

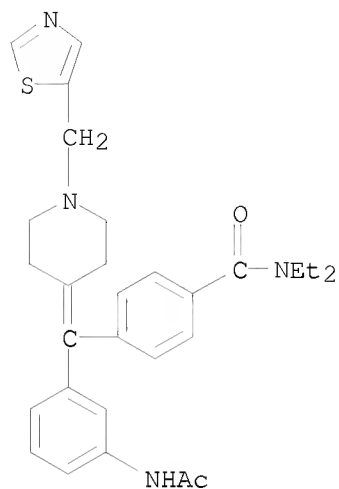
CM 1

CRN 725242-64-8

Updated Search

10533838

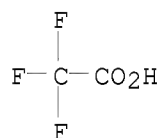
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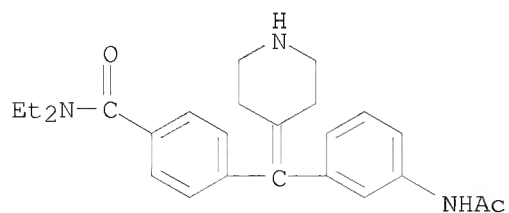
CM 2

CRN 76-05-1

CMF C2 H F3 O2



IT 725242-85-3P, 4-[[3-(Acetylamino)phenyl](piperidin-4-ylidene)methyl]-N,N-diethylbenzamide  
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
(preparation of diarylmethylidene piperidines as  $\delta$ -opioid receptor ligands for the treatment of pain.)  
RN 725242-85-3 HCAPLUS  
CN Benzamide, 4-[[3-(acetylamino)phenyl]-4-piperidinyliidenemethyl]-N,N-diethyl- (CA INDEX NAME)



Updated Search

L6 ANSWER 5 OF 7 HCAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2004:606467 HCAPLUS  
 DOCUMENT NUMBER: 141:157038  
 TITLE: Preparation of 4-[3-(sulfonylamino)phenyl-1-(cyclylmethyl)piperidin-4-ylidenemethyl]benazmide derivatives as delta opioid receptor ligands  
 INVENTOR(S): Brown, William; Griffin, Andrew; Walpole, Christopher  
 PATENT ASSIGNEE(S): Astrazeneca Ab, Swed.; Astrazeneca UK Limited  
 SOURCE: PCT Int. Appl., 54 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004063193	A1	20040729	WO 2004-GB61	20040113
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ				
EP 1590346	A1	20051102	EP 2004-701628	20040113
EP 1590346	B1	20061025		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
JP 2006515352	T	20060525	JP 2006-500189	20040113
AT 343571	T	20061115	AT 2004-701628	20040113
ES 2274415	T3	20070516	ES 2004-701628	20040113
US 20060148850	A1	20060706	US 2005-541664	20050707
PRIORITY APPLN. INFO.:			SE 2003-104	A 20030116
			WO 2004-GB61	W 20040113
OTHER SOURCE(S):			MARPAT 141:157038	
GI				

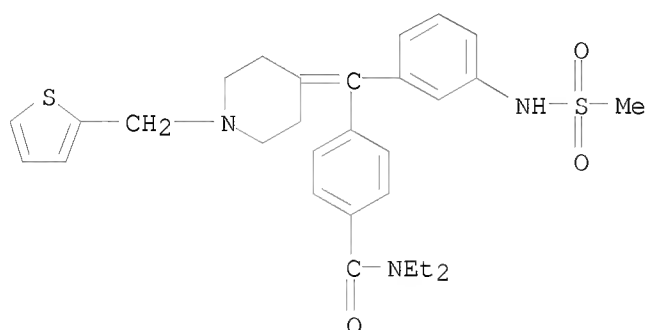
\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

AB Title compds. I [R1 = aryl, heteroaryl, etc.; R2-5 = H, alkyl, cycloalkyl, etc.] are prepared For instance, 4-[bromo(4-carboxyphenyl)methylene]piperidine-1-carboxylic acid tert-Bu ester (preparation given) is converted to the diethylamide (CH<sub>2</sub>Cl<sub>2</sub>, i-BuO<sub>2</sub>CCl, HNEt<sub>2</sub>), deprotected (CH<sub>2</sub>Cl<sub>2</sub>, TFA), alkylated with thiophene-2-carboxaldehyde (1,2-dichloroethane, NaHB(OAc)<sub>3</sub>), coupled to m-aminobenzenboronic acid (PhMe/EtOH/H<sub>2</sub>O, Pd(PPh<sub>3</sub>)<sub>4</sub>, Na<sub>2</sub>CO<sub>3</sub>) and finally treated with methanesulfonic anhydride to give II. Compds. of the invention have IC<sub>50</sub> in the range of 0.18 - 0.56 nM for the  $\delta$ -opioid receptor. I are useful in the management of pain.

IT 728917-19-9P, N,N-Diethyl-4-[[3-[(methylsulfonyl)amino]phenyl][1-(thien-2-ylmethyl)piperidin-4-ylidene]methyl]benzamide  
 728917-20-2P 728917-21-3P 728917-22-4P,  
 N,N-Diethyl-4-[[1-(2-furanylmethyl)-4-piperidinylidene][3-

10533838

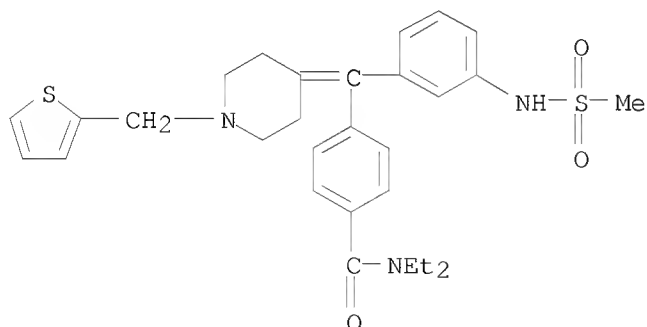
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N,N-Diethyl-4-[[1-(phenylmethyl)-4-piperidinyldiene][3-  
[(methylsulfonyl)amino]phenyl)methyl]benzamide 728917-24-6P  
728917-25-7P, N,N-Diethyl-4-[[3-[(methylsulfonyl)amino]phenyl][1-  
(3-pyridinylmethyl)-4-piperidinyldiene]methyl]benzamide  
728917-26-8P 728917-30-4P 728917-31-5P  
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU  
(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES  
(Uses)  
(preparation of 4-[3-(sulfonylamino)phenyl-1-(cyclylmethyl)piperidin-4-  
yldienemethyl]benazmide derivs. as delta opioid receptor ligands)  
RN 728917-19-9 HCAPLUS  
CN Benzamide, N,N-diethyl-4-[[3-[(methylsulfonyl)amino]phenyl][1-(2-  
thienylmethyl)-4-piperidinyldiene]methyl]- (CA INDEX NAME)



RN 728917-20-2 HCAPLUS  
CN Benzamide, N,N-diethyl-4-[[3-[(methylsulfonyl)amino]phenyl][1-(2-  
thienylmethyl)-4-piperidinyldiene]methyl]-, 2,2,2-trifluoroacetate (2:3)  
(CA INDEX NAME)

CM 1

CRN 728917-19-9  
CMF C29 H35 N3 O3 S2



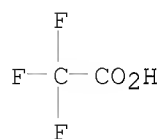
Updated Search

10533838

CM 2

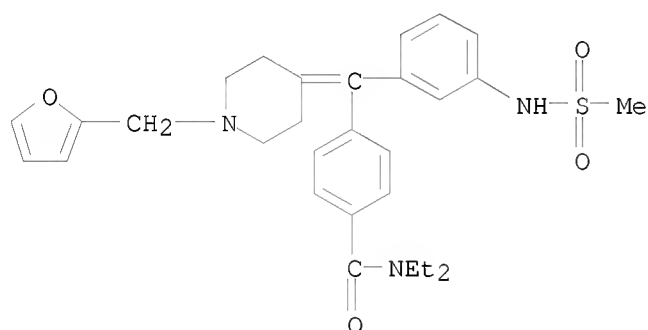
CRN 76-05-1

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RN 728917-21-3 HCAPLUS

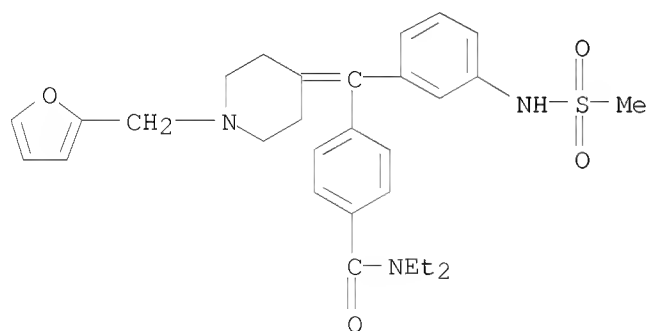
CN Benzamide, N,N-diethyl-4-[[1-(2-furanylmethyl)-4-piperidinylidene][3-[(methylsulfonyl)amino]phenyl]methyl]-, hydrochloride (5:6) (CA INDEX NAME)



●6/5 HCl

RN 728917-22-4 HCAPLUS

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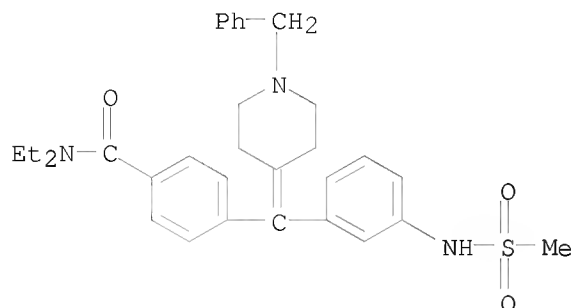


Updated Search

10533838

RN 728917-23-5 HCAPLUS

CN Benzamide, N,N-diethyl-4-[[3-[(methylsulfonyl)amino]phenyl][1-(phenylmethyl)-4-piperidinylidene]methyl]- (CA INDEX NAME)



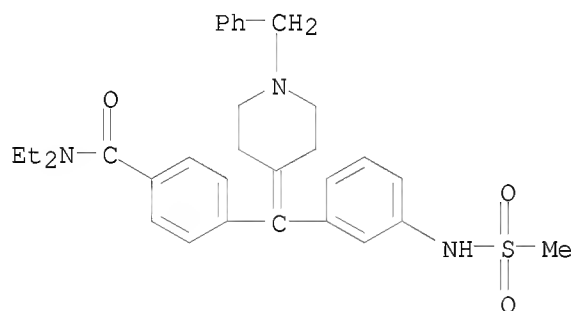
RN 728917-24-6 HCAPLUS

CN Benzamide, N,N-diethyl-4-[[3-[(methylsulfonyl)amino]phenyl][1-(phenylmethyl)-4-piperidinylidene]methyl]-, 2,2,2-trifluoroacetate (10:13)  
(CA INDEX NAME)

CM 1

CRN 728917-23-5

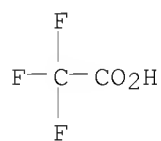
CMF C31 H37 N3 O3 S



CM 2

CRN 76-05-1

CMF C2 H F3 O2

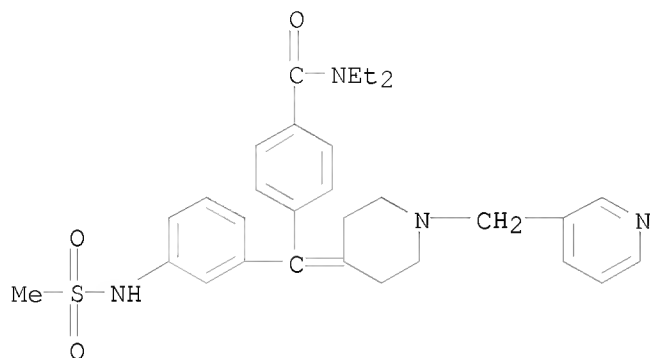


Updated Search

10533838

RN 728917-25-7 HCAPLUS

CN Benzamide, N,N-diethyl-4-[[3-[(methylsulfonyl)amino]phenyl][1-(3-pyridinylmethyl)-4-piperidinylidene]methyl]- (CA INDEX NAME)



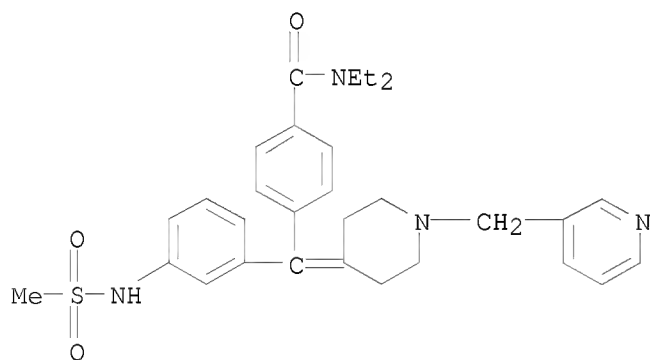
RN 728917-26-8 HCAPLUS

CN Benzamide, N,N-diethyl-4-[[3-[(methylsulfonyl)amino]phenyl][1-(3-pyridinylmethyl)-4-piperidinylidene]methyl]-, 2,2,2-trifluoroacetate (2:5)  
(CA INDEX NAME)

CM 1

CRN 728917-25-7

CMF C30 H36 N4 O3 S



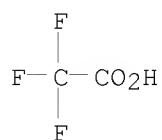
CM 2

CRN 76-05-1

CMF C2 H F3 O2

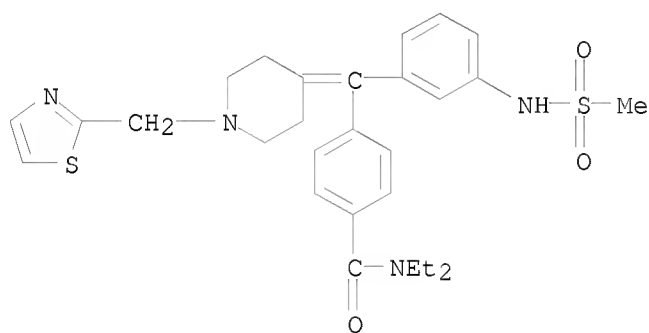
Updated Search

10533838



RN 728917-30-4 HCAPLUS

CN Benzamide, N,N-diethyl-4-[[3-[(methylsulfonyl)amino]phenyl][1-(2-thiazolylmethyl)-4-piperidinylidene]methyl]- (CA INDEX NAME)



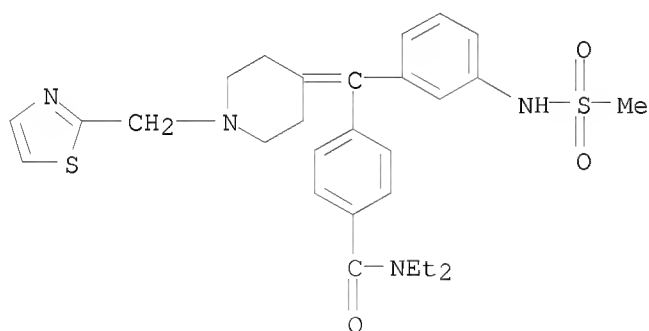
RN 728917-31-5 HCAPLUS

CN Benzamide, N,N-diethyl-4-[[3-[(methylsulfonyl)amino]phenyl][1-(2-thiazolylmethyl)-4-piperidinylidene]methyl]-, 2,2,2-trifluoroacetate (2:5) (CA INDEX NAME)

CM 1

CRN 728917-30-4

CMF C28 H34 N4 O3 S2



CM 2

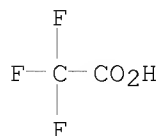
CRN 76-05-1

CMF C2 H F3 O2

Updated Search



10533838



L6 ANSWER 6 OF 7 HCAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2004:606441 HCAPLUS

DOCUMENT NUMBER: 141:140324

TITLE: Preparation of diarylmethylidene piperidines as  $\delta$ -opioid receptor ligands for the treatment of pain.

INVENTOR(S): Brown, William; Griffin, Andrew; Walpole, Christopher

PATENT ASSIGNEE(S): Astrazeneca Ab, Swed.; Astrazeneca UK Limited

SOURCE: PCT Int. Appl., 56 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

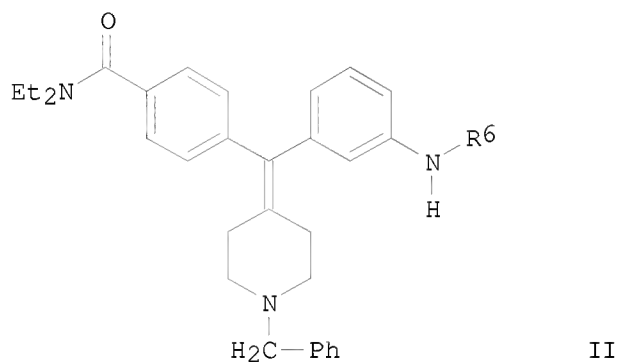
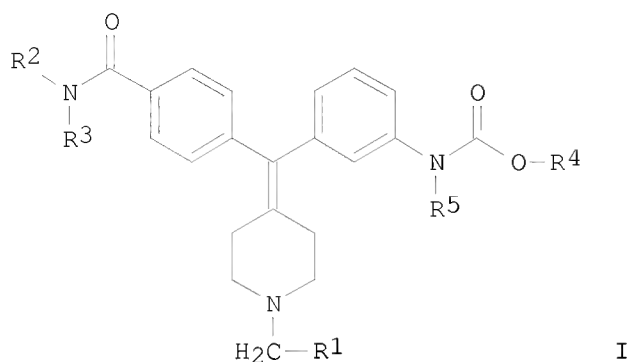
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 2004063157	A1	20040729	WO 2004-GB116	20040113
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AU 2004203969	A1	20040729	AU 2004-203969	20040113
AU 2004203969	B2	20070906		
CA 2510400	A1	20040729	CA 2004-2510400	20040113
EP 1587791	A1	20051026	EP 2004-701634	20040113
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
BR 2004006594	A	20051220	BR 2004-6594	20040113
CN 1735596	A	20060215	CN 2004-80002123	20040113
JP 2006515356	T	20060525	JP 2006-500208	20040113
NZ 540759	A	20080328	NZ 2004-540759	20040113
RU 2326865	C2	20080620	RU 2005-121490	20040113
IN 2005DN02716	A	20070112	IN 2005-DN2716	20050620
ZA 2005005189	A	20060426	ZA 2005-5189	20050627
US 20060116399	A1	20060601	US 2005-541656	20050707
NO 2005003805	A	20051017	NO 2005-3805	20050812
PRIORITY APPLN. INFO.:			SE 2003-103	A 20030116
			WO 2004-GB116	W 20040113

OTHER SOURCE(S): MARPAT 141:140324

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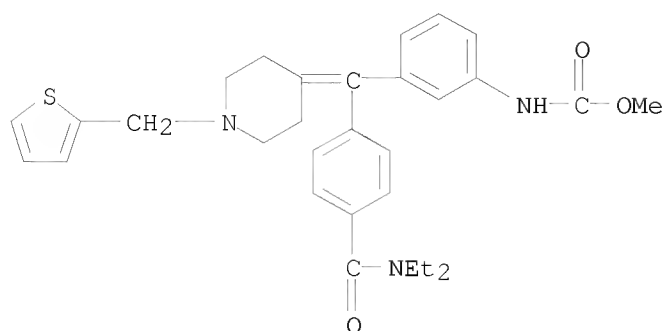
Updated Search

10533838



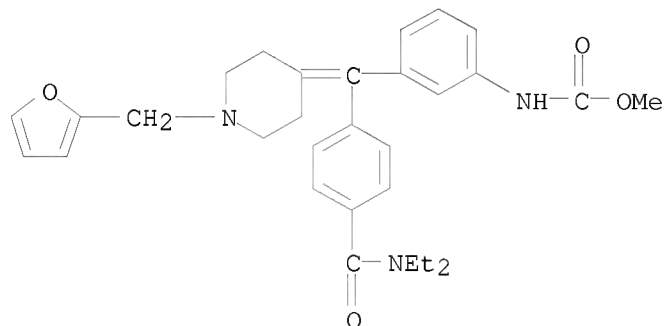
- AB Title compds. I [R1 = (un)substituted aryl, heteroaryl; R2, R3, R4, R5 = H, alkyl, cycloalkyl] and their pharmaceutically acceptable salts were prepared For example, acylation of aniline II [R6 = H], e.g., prepared from 4-(bromomethyl)benzoic acid Me ester in 8-steps, with Me chloroformate, afforded piperidine II [R6 = COOMe] as the trifluoroacetic acid salt in 38% yield. In human  $\delta$ -opioid receptor binding assays, 4-examples of compds. I exhibited IC50 values ranging from 0.30-0.48 nM, e.g., the IC50 value of piperidine II [R6 = COOMe] was 0.48 nM. Compds. I are claimed useful in the management of pain.
- IT 725229-70-9P 725229-71-0P 725229-72-1P  
725229-73-2P 725229-74-3P 725229-75-4P  
725229-76-5P 725229-78-7P 725229-79-8P  
725229-80-1P  
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(preparation of diarylmethylidene piperidines as  $\delta$ -opioid receptor ligands for the treatment of pain.)
- RN 725229-70-9 HCAPLUS
- CN Carbamic acid, [3-[[4-[(diethylamino)carbonyl]phenyl][1-(2-thienylmethyl)-4-piperidinylidene]methyl]phenyl]-, methyl ester (9CI) (CA INDEX NAME)

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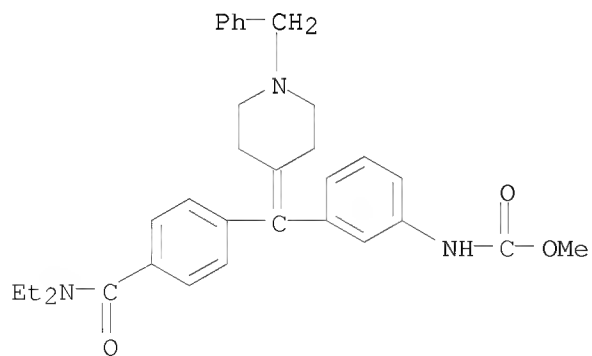
RN 725229-71-0 HCAPLUS

CN Carbamic acid, [3-[[4-[(diethylamino)carbonyl]phenyl][1-(2-furanylmethyl)-4-piperidinylidene]methyl]phenyl]-, methyl ester (9CI) (CA INDEX NAME)



RN 725229-72-1 HCAPLUS

CN Carbamic acid, [3-[[4-[(diethylamino)carbonyl]phenyl][1-(phenylmethyl)-4-piperidinylidene]methyl]phenyl]-, methyl ester (9CI) (CA INDEX NAME)

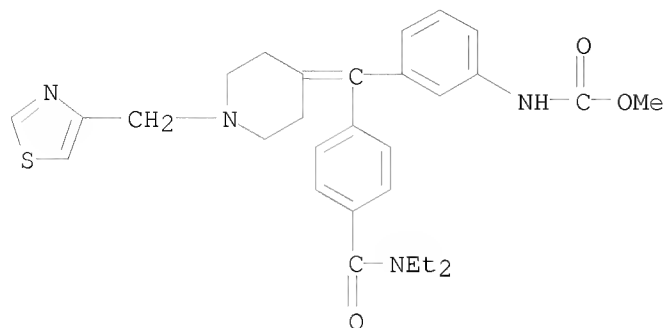


RN 725229-73-2 HCAPLUS

CN Carbamic acid, [3-[[4-[(diethylamino)carbonyl]phenyl][1-(4-thiazolylmethyl)-4-piperidinylidene]methyl]phenyl]-, methyl ester (9CI) (CA INDEX NAME)

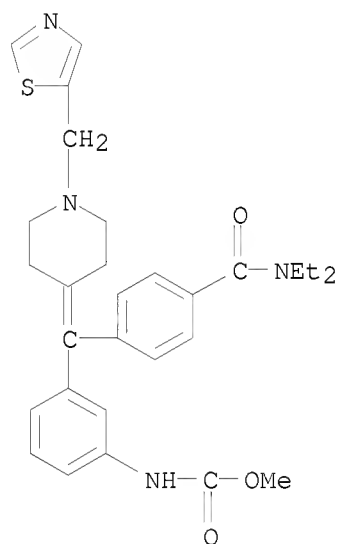
Updated Search

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RN 725229-74-3 HCAPLUS

CN Carbamic acid, [3-[[4-[(diethylamino)carbonyl]phenyl][1-(5-thiazolylmethyl)-4-piperidinylidene]methyl]phenyl]-, methyl ester (9CI)  
(CA INDEX NAME)



RN 725229-75-4 HCAPLUS

CN Carbamic acid, [3-[[4-[(diethylamino)carbonyl]phenyl][1-(2-thienylmethyl)-4-piperidinylidene]methyl]phenyl]-, methyl ester, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

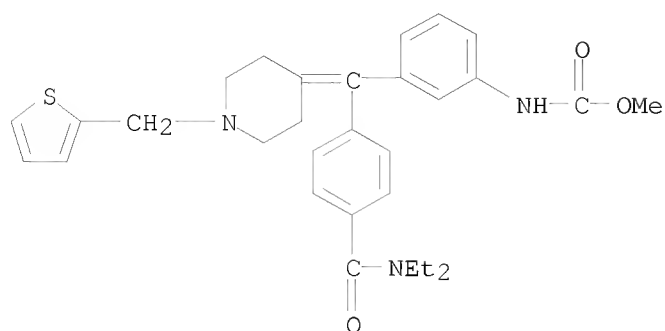
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CRN 725229-70-9

CMF C30 H35 N3 O3 S

Updated Search

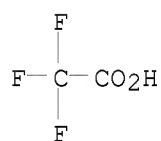
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CM 2

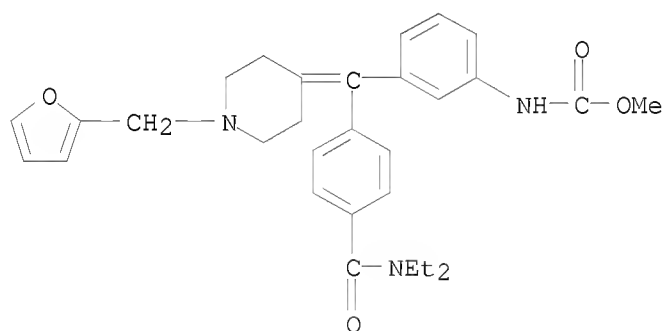
CRN 76-05-1

CMF C2 H F3 O2



RN 725229-76-5 HCAPLUS

CN Carbamic acid, [3-[[4-[(diethylamino)carbonyl]phenyl][1-(2-furanylmethyl)-4-piperidinylidene]methyl]phenyl]-, methyl ester, monohydrochloride (9CI)  
(CA INDEX NAME)



● HCl

RN 725229-78-7 HCAPLUS

CN Carbamic acid, [3-[[4-[(diethylamino)carbonyl]phenyl][1-(phenylmethyl)-4-piperidinylidene]methyl]phenyl]-, methyl ester, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

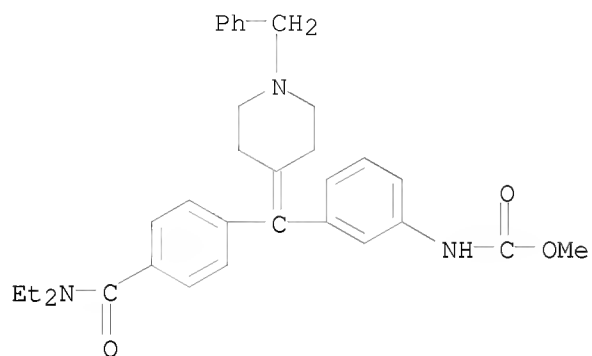
Updated Search

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CM 1

CRN 725229-72-1

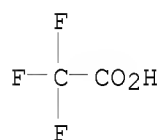
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CM 2

CRN 76-05-1

CMF C2 H F3 O2



RN 725229-79-8 HCAPLUS

CN Carbamic acid, [3-[[4-[(diethylamino)carbonyl]phenyl][1-(4-thiazolylmethyl)-4-piperidinyldene]methyl]phenyl]-, methyl ester, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

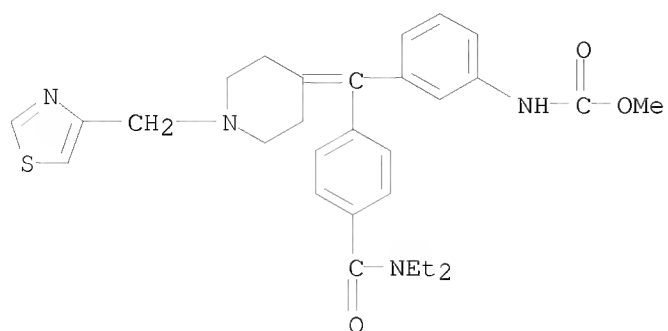
CM 1

CRN 725229-73-2

CMF C29 H34 N4 O3 S

Updated Search

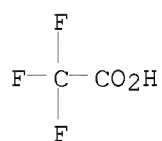
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CM 2

CRN 76-05-1

CMF C2 H F3 O2



RN 725229-80-1 HCAPLUS

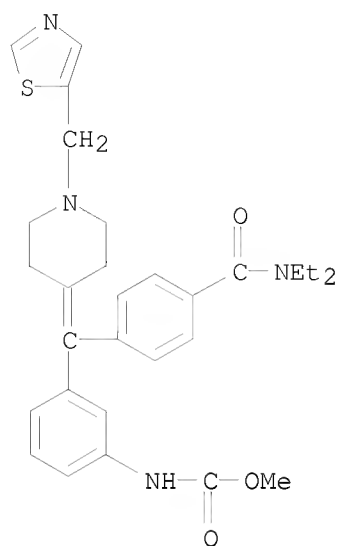
CN Carbamic acid, [3-[[4-[(diethylamino)carbonyl]phenyl][1-(5-thiazolylmethyl)-4-piperidinylidene]methyl]phenyl]-, methyl ester, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 725229-74-3

CMF C29 H34 N4 O3 S

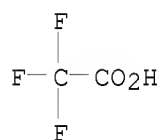
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CM 2

CRN 76-05-1

CMF C2 H F3 O2



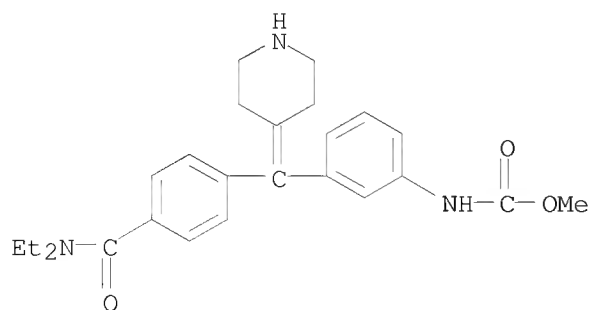
IT 725229-85-6P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of diarylmethylidene piperidines as  $\delta$ -opioid receptor ligands for the treatment of pain.)

RN 725229-85-6 HCAPLUS

CN Carbamic acid, [3-[[4-[(diethylamino)carbonyl]phenyl]-4-piperidinylidenemethyl]phenyl]-, methyl ester (9CI) (CA INDEX NAME)



Updated Search



10533838

L6 ANSWER 7 OF 7 HCAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2004:412920 HCAPLUS  
DOCUMENT NUMBER: 140:423590  
TITLE: Preparation of 4-(phenylpiperidin-4-ylidenemethyl)benzamides for treatment of pain, anxiety, or gastrointestinal disorders  
INVENTOR(S): Brown, William; Griffin, Andrew  
PATENT ASSIGNEE(S): Astrazeneca AB, Swed.  
SOURCE: PCT Int. Appl., 96 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 2004041784	A1	20040521	WO 2003-SE1705	20031105
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EP 1567496	A1	20050831	EP 2003-759165	20031105
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AT 359270	T	20070515	AT 2003-759165	20031105
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US 20060014789	A1	20060119	US 2005-533838	20050504
PRIORITY APPLN. INFO.:			SE 2002-3301	A 20021107
			WO 2003-SE1705	W 20031105
OTHER SOURCE(S):	MARPAT 140:423590			
GI				

\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

AB Title compds. I [wherein R1 = (un)substituted alkyl, cycloalkyl(alkyl), (hetero)aryl, R8CO, R8SO2, R8SO, R8NHCO, R8CS, or R8NHCS; ; R2 = H or (un)substituted alkyl; R3 = H or (un)substituted alkoxy carbonyl, alkyl, or cycloalkyl(alkyl); R8 = (un)substituted alkyl, (hetero)aryl(alkyl), or cycloalkyl(alkyl); or pharmaceutically acceptable salts thereof] were prepared as opioid  $\delta$  receptor ligands. For example, reaction of 4-(bromomethyl)benzoic acid Me ester with P(OMe)3, followed by addition of 1-(tert-butoxycarbonyl)-4-piperidone in the presence of LDA in THF, gave

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4-(4-methoxycarbonylbenzylidene)piperidine-1-carboxylic acid tert-Bu ester (35%). Addition of Br<sub>2</sub> (78%) and reaction with NaOH in MeOH provided 4-[bromo(4-carboxyphenyl)methylene]piperidine-1-carboxylic acid tert-Bu ester (87%). Conversion to the benzoyl chloride with iso-Bu chloroformate and amidation (73%) with Et<sub>2</sub>NH in the presence of TEA in CH<sub>2</sub>Cl<sub>2</sub>, followed by coupling with 3-aminophenylboronic acid using Pd(PPh<sub>3</sub>)<sub>4</sub> and Na<sub>2</sub>CO<sub>3</sub> in toluene/EtOH/H<sub>2</sub>O afforded N,N-diethyl-4-[(3-aminophenyl)(piperidin-4-ylidene)methyl]benzamide (97%). Alkylation of the amine with benzaldehyde and NaBH(OAc)<sub>3</sub> in 1,2-dichloroethane gave II. In binding assays using human 293S cells expressing cloned human opioid receptors and neomycin resistance, most compds. of the invention exhibited activity toward the  $\delta$  receptor with IC<sub>50</sub> values in the range of 0.14 nM - 31.2 nM. Exemplified compds. also showed some activity toward the  $\kappa$  and  $\mu$  receptors with IC<sub>50</sub> values in the ranges of 36 nM - 9680 nM and 3 nM - 5975 nM, resp. Thus, I and their pharmaceutical compns. are useful in therapy, in particular for the treatment of gastrointestinal disorders, anxiety, or pain (no data).

IT 692245-00-4P 692245-02-6P 692245-04-8P  
 692245-06-0P 692245-09-3P 692245-13-9P  
 692245-17-3P 692245-21-9P 692245-25-3P  
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 692247-03-3P 692247-07-7P 692247-11-3P

RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)

( $\delta$  receptor agonist; preparation of (phenylpiperidinylidenemethyl)benz amides as  $\delta$  receptor agonists for treatment of pain, anxiety, or gastrointestinal disorders)

RN 692245-00-4 HCAPLUS

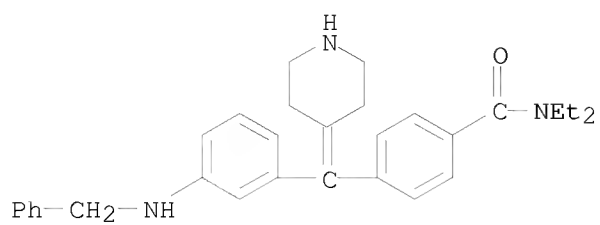
CN Benzamide, N,N-diethyl-4-[[3-[(phenylmethyl)amino]phenyl]-4-piperidinylidenemethyl]-, 2,2,2-trifluoroacetate (10:27) (CA INDEX NAME)

CM 1

CRN 692244-99-8

CMF C30 H35 N3 O

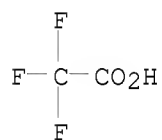
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CM 2

CRN 76-05-1

CMF C2 H F3 O2



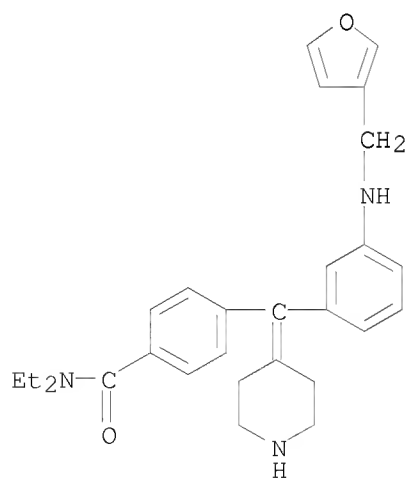
RN 692245-02-6 HCAPLUS

CN Benzamide, N,N-diethyl-4-[[3-[(3-furanylmethyl)amino]phenyl]-4-piperidinylidenemethyl]-, 2,2,2-trifluoroacetate (10:21) (CA INDEX NAME)

CM 1

CRN 692245-01-5

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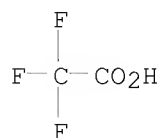


CM 2

Updated Search

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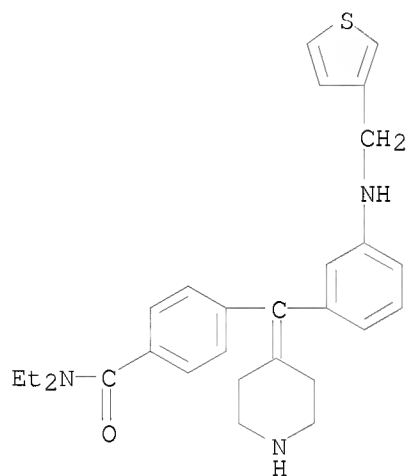
CRN 76-05-1  
CMF C2 H F3 O2



RN 692245-04-8 HCAPLUS  
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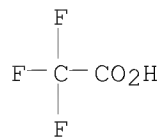
CM 1

CRN 692245-03-7  
CMF C28 H33 N3 O S



CM 2

CRN 76-05-1  
CMF C2 H F3 O2



RN 692245-06-0 HCAPLUS

Updated Search

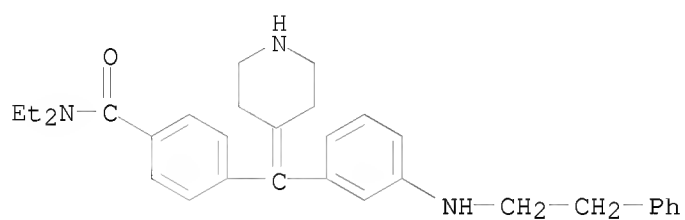
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CN Benzamide, N,N-diethyl-4-[[3-[(2-phenylethyl)amino]phenyl]-4-piperidinylidenemethyl]-, 2,2,2-trifluoroacetate (2:5) (CA INDEX NAME)

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CRN 692245-05-9

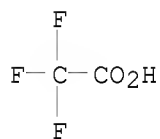
CMF C31 H37 N3 O



CM 2

CRN 76-05-1

CMF C2 H F3 O2



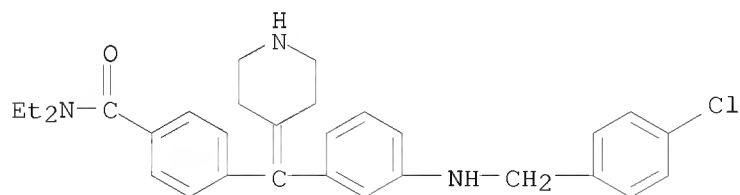
RN 692245-09-3 HCAPLUS

CN Benzamide, 4-[[3-[[[(4-chlorophenyl)methyl]amino]phenyl]-4-piperidinylidenemethyl]-N,N-diethyl-, 2,2,2-trifluoroacetate (10:23) (CA INDEX NAME)

CM 1

CRN 692245-07-1

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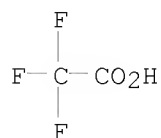


CM 2

Updated Search

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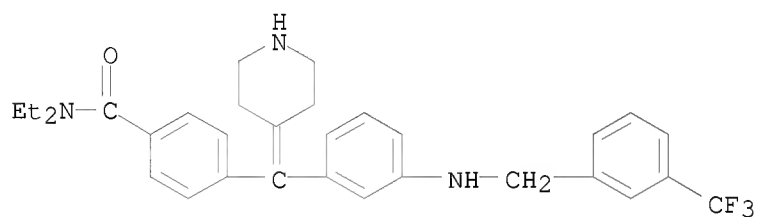
CRN 76-05-1  
CMF C2 H F3 O2



RN 692245-13-9 HCAPLUS  
CN Benzamide, N,N-diethyl-4-[4-piperidinylidene[3-[[[3-(trifluoromethyl)phenyl]methyl]amino]phenyl]methyl]-, 2,2,2-trifluoroacetate (5:11) (CA INDEX NAME)

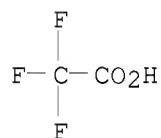
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CRN 692245-11-7  
CMF C31 H34 F3 N3 O



CM 2

CRN 76-05-1  
CMF C2 H F3 O2



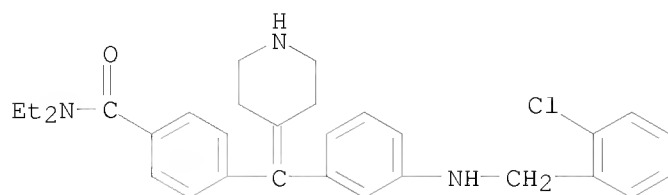
RN 692245-17-3 HCAPLUS  
CN Benzamide, 4-[[3-[[[(2-chlorophenyl)methyl]amino]phenyl]-4-piperidinylidenemethyl]-N,N-diethyl-, 2,2,2-trifluoroacetate (5:8) (CA INDEX NAME)

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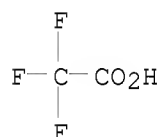
Updated Search

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CM 2

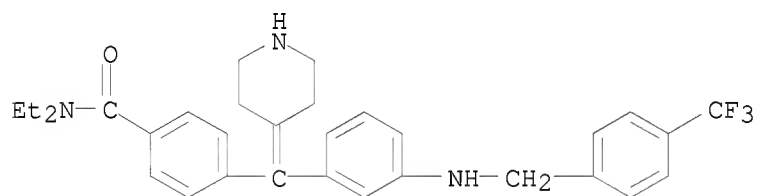
CRN 76-05-1  
CMF C2 H F3 O2



RN 692245-21-9 HCAPLUS  
CN Benzamide, N,N-diethyl-4-[4-piperidinylidene[3-[[[4-(trifluoromethyl)phenyl]methyl]amino]phenyl]methyl]-, 2,2,2-trifluoroacetate (10:21) (CA INDEX NAME)

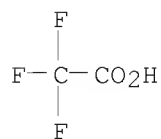
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CRN 692245-19-5  
CMF C31 H34 F3 N3 O



CM 2

CRN 76-05-1  
CMF C2 H F3 O2



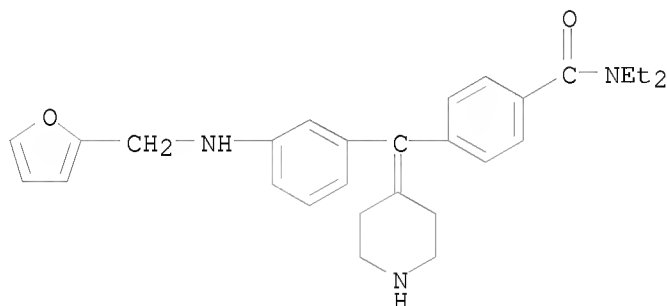
Updated Search

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RN 692245-25-3 HCAPLUS  
CN Benzamide, N,N-diethyl-4-[[3-[(2-furanylmethyl)amino]phenyl]-4-piperidinylidenemethyl]-, 2,2,2-trifluoroacetate (10:23) (CA INDEX NAME)

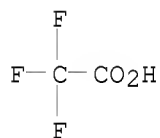
CM 1

CRN 692245-23-1  
CMF C28 H33 N3 O2



CM 2

CRN 76-05-1  
CMF C2 H F3 O2



RN 692245-29-7 HCAPLUS  
CN Benzamide, N,N-diethyl-4-[4-piperidinylidene[3-[(2-thienylmethyl)amino]phenyl]methyl]-, 2,2,2-trifluoroacetate (1:2) (CA INDEX NAME)

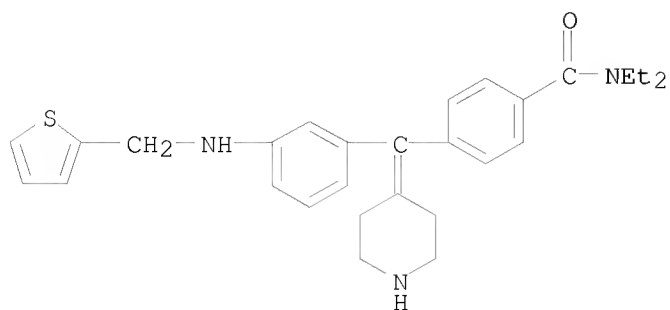
CM 1

CRN 692245-27-5  
CMF C28 H33 N3 O S

Updated Search



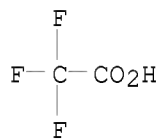
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CM 2

CRN 76-05-1

CMF C2 H F3 O2



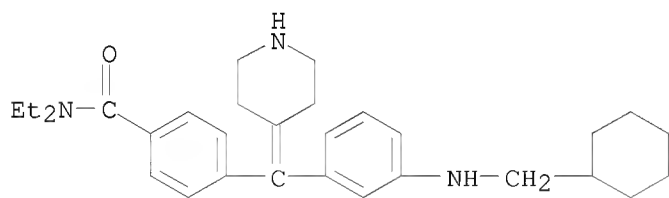
RN 692245-33-3 HCAPLUS

CN Benzamide, 4-[[3-[(cyclohexylmethyl)amino]phenyl]-4-piperidinylidenemethyl]-N,N-diethyl-, 2,2,2-trifluoroacetate (10:23) (CA INDEX NAME)

CM 1

CRN 692245-31-1

CMF C30 H41 N3 O



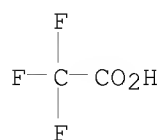
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CRN 76-05-1

CMF C2 H F3 O2

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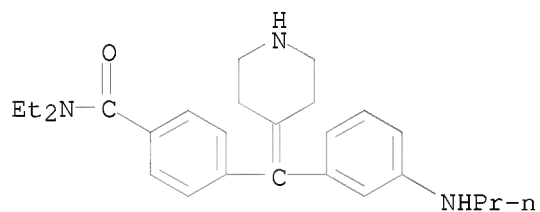
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RN 692245-37-7 HCAPLUS  
CN Benzamide, N,N-diethyl-4-[4-piperidinylidene[3-(propylamino)phenyl]methyl]-  
, 2,2,2-trifluoroacetate (10:29) (CA INDEX NAME)

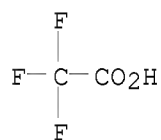
CM 1

CRN 692245-35-5  
CMF C26 H35 N3 O



CM 2

CRN 76-05-1  
CMF C2 H F3 O2



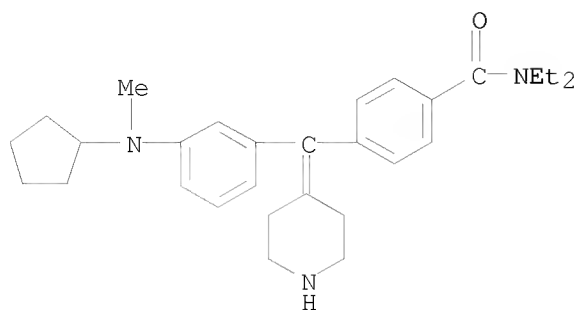
RN 692245-53-7 HCAPLUS  
CN Benzamide, 4-[[3-(cyclopentylmethylamino)phenyl]-4-piperidinylidenemethyl]-  
N,N-diethyl-, 2,2,2-trifluoroacetate (5:14) (CA INDEX NAME)

CM 1

CRN 692245-51-5  
CMF C29 H39 N3 O

Updated Search

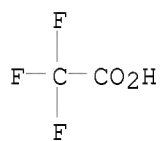
10533838



CM 2

CRN 76-05-1

CMF C2 H F3 O2



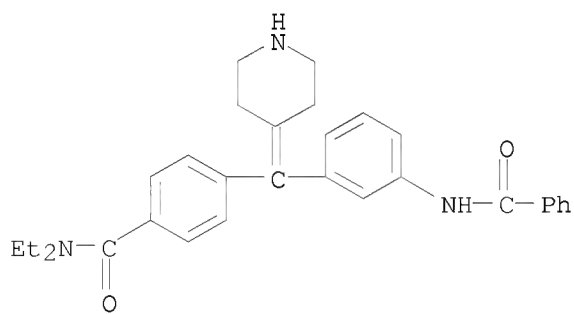
RN 692245-57-1 HCAPLUS

CN Benzamide, 4-[[3-(benzoylamino)phenyl]-4-piperidinylidenemethyl]-N,N-diethyl-, 2,2,2-trifluoroacetate (5:7) (CA INDEX NAME)

CM 1

CRN 692245-55-9

CMF C30 H33 N3 O2



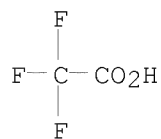
CM 2

CRN 76-05-1

CMF C2 H F3 O2

Updated Search

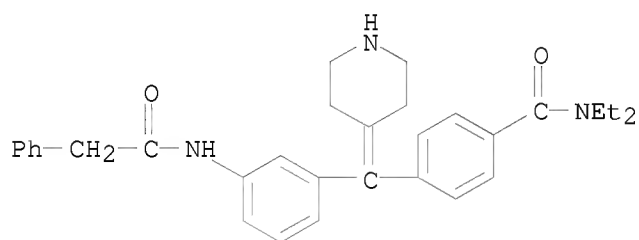
10533838



RN 692245-61-7 HCAPLUS  
CN Benzeneacetamide, N-[3-[[4-[(diethylamino)carbonyl]phenyl]-4-piperidinylidenemethyl]phenyl]-, 2,2,2-trifluoroacetate (5:9) (CA INDEX NAME)

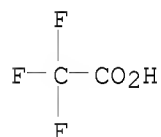
CM 1

CRN 692245-59-3  
CMF C31 H35 N3 O2



CM 2

CRN 76-05-1  
CMF C2 H F3 O2



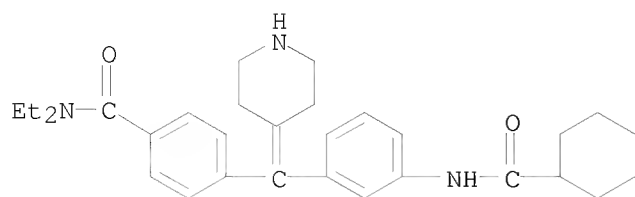
RN 692245-65-1 HCAPLUS  
CN Benzamide, 4-[[3-[(cyclohexylcarbonyl)amino]phenyl]-4-piperidinylidenemethyl]-N,N-diethyl-, 2,2,2-trifluoroacetate (5:8) (CA INDEX NAME)

CM 1

CRN 692245-63-9  
CMF C30 H39 N3 O2

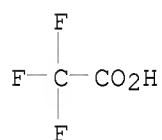
Updated Search

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CM 2

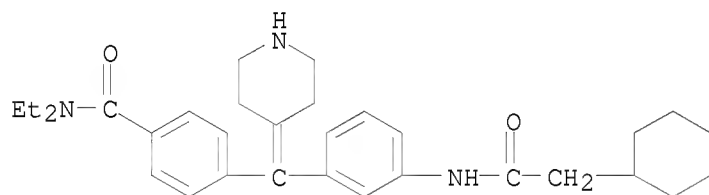
CRN 76-05-1  
CMF C2 H F3 O2



RN 692245-69-5 HCAPLUS  
CN Benzamide, 4-[[3-[(2-cyclohexylacetyl)amino]phenyl]-4-piperidinylidenemethyl]-N,N-diethyl-, 2,2,2-trifluoroacetate (2:3) (CA INDEX NAME)

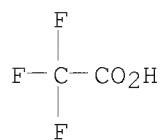
CM 1

CRN 692245-67-3  
CMF C31 H41 N3 O2



CM 2

CRN 76-05-1  
CMF C2 H F3 O2



Updated Search

10533838

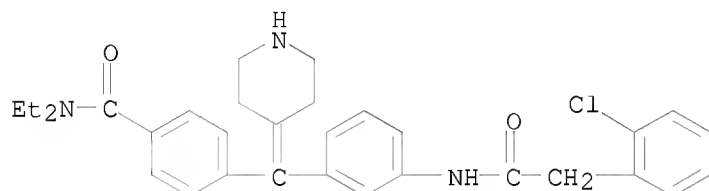
RN 692245-73-1 HCAPLUS

CN Benzeneacetamide, 2-chloro-N-[3-[[4-[(diethylamino)carbonyl]phenyl]-4-piperidinylidenemethyl]phenyl]-, 2,2,2-trifluoroacetate (2:3) (CA INDEX NAME)

CM 1

CRN 692245-71-9

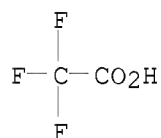
CMF C31 H34 Cl N3 O2



CM 2

CRN 76-05-1

CMF C2 H F3 O2



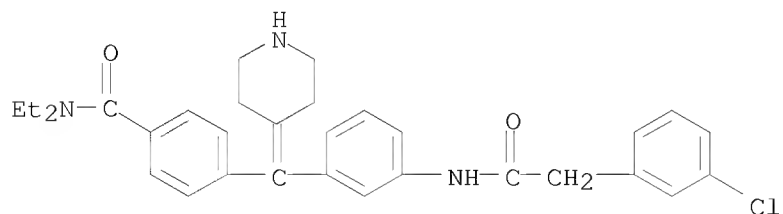
RN 692245-77-5 HCAPLUS

CN Benzeneacetamide, 3-chloro-N-[3-[[4-[(diethylamino)carbonyl]phenyl]-4-piperidinylidenemethyl]phenyl]-, 2,2,2-trifluoroacetate (5:8) (CA INDEX NAME)

CM 1

CRN 692245-75-3

CMF C31 H34 Cl N3 O2

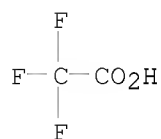


Updated Search

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CM 2

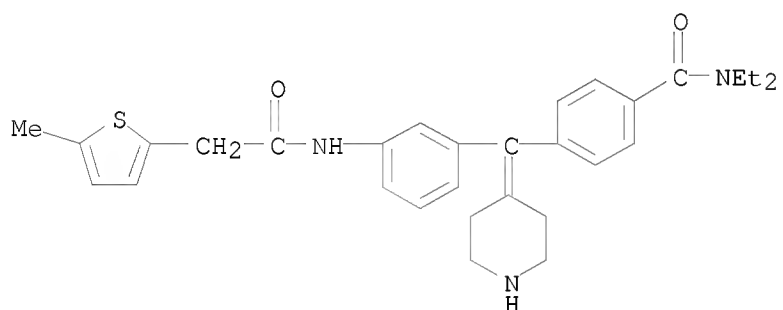
CRN 76-05-1  
CMF C2 H F3 O2



RN 692245-81-1 HCAPLUS  
CN 2-Thiopheneacetamide, N-[3-[[4-[(diethylamino)carbonyl]phenyl]-4-piperidinylidenemethyl]phenyl]-5-methyl-, 2,2,2-trifluoroacetate (5:6)  
(CA INDEX NAME)

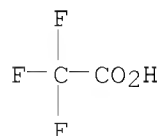
CM 1

CRN 692245-79-7  
CMF C30 H35 N3 O2 S



CM 2

CRN 76-05-1  
CMF C2 H F3 O2



RN 692245-86-6 HCAPLUS  
CN 2-Thiopheneacetamide, 5-chloro-N-[3-[[4-[(diethylamino)carbonyl]phenyl]-4-piperidinylidenemethyl]phenyl]-, 2,2,2-trifluoroacetate (5:8) (CA INDEX NAME)

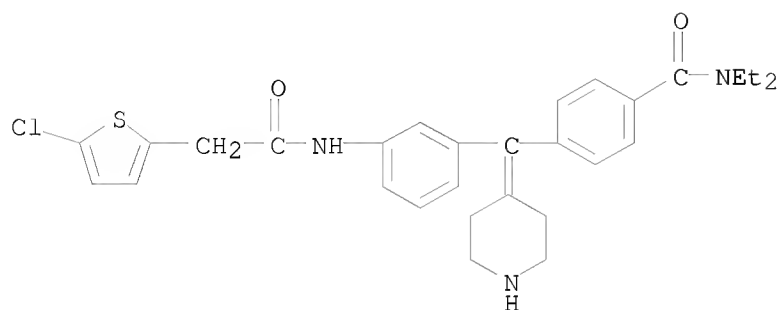
Updated Search

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CM 1

CRN 692245-84-4

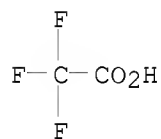
CMF C29 H32 Cl N3 O2 S



CM 2

CRN 76-05-1

CMF C2 H F3 O2



RN 692245-90-2 HCAPLUS

CN Benzeneacetamide, N-[3-[[4-[(diethylamino)carbonyl]phenyl]-4-piperidinylidenemethyl]phenyl]- $\alpha$ -methyl-, ( $\alpha$ S)-, 2,2,2-trifluoroacetate (5:8) (CA INDEX NAME)

CM 1

CRN 692245-88-8

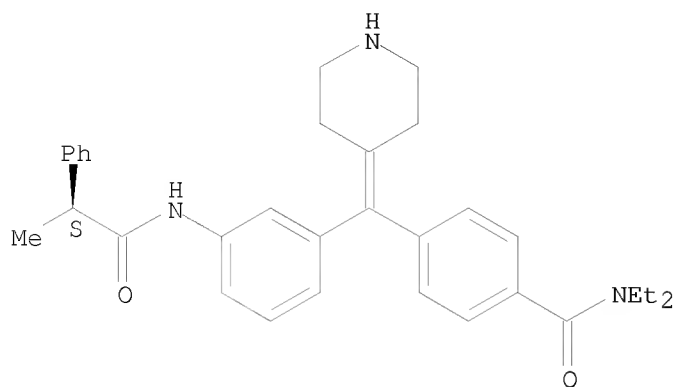
CMF C32 H37 N3 O2

Absolute stereochemistry.

Updated Search

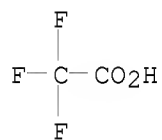


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CM 2

CRN 76-05-1  
CMF C2 H F3 O2

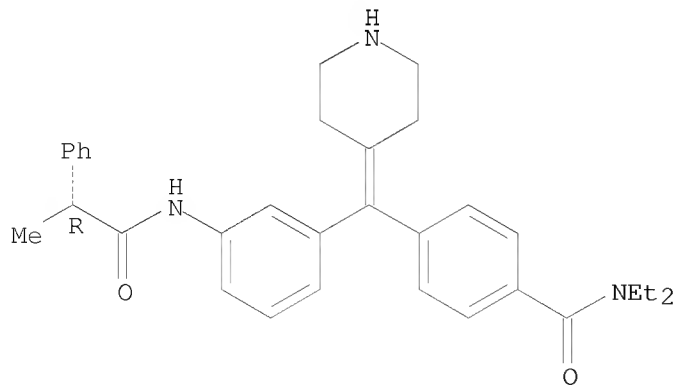


RN 692245-94-6 HCAPLUS  
CN Benzeneacetamide, N-[3-[[4-[(diethylamino)carbonyl]phenyl]-4-piperidinylidenemethyl]phenyl]-α-methyl-, (αR)-, 2,2,2-trifluoroacetate (10:17) (CA INDEX NAME)

CM 1

CRN 692245-92-4  
CMF C32 H37 N3 O2

Absolute stereochemistry.

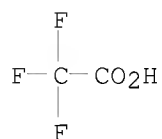


Updated Search

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CM 2

CRN 76-05-1  
CMF C2 H F3 O2

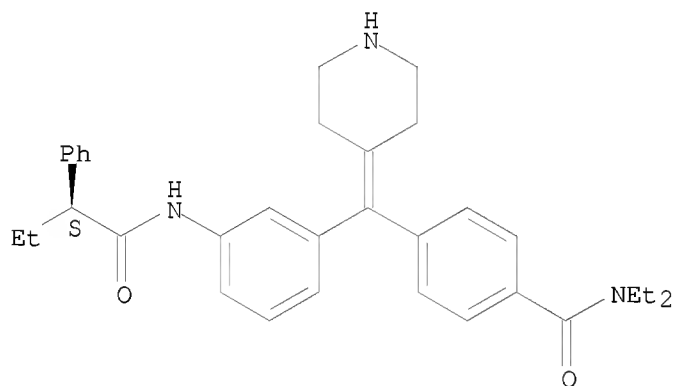


RN 692245-98-0 HCAPLUS  
CN Benzeneacetamide, N-[3-[[4-[(diethylamino)carbonyl]phenyl]-4-piperidinylidenemethyl]phenyl]- $\alpha$ -ethyl-, ( $\alpha$ S)-, 2,2,2-trifluoroacetate (5:18) (CA INDEX NAME)

CM 1

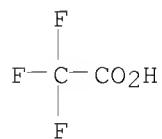
CRN 692245-96-8  
CMF C33 H39 N3 O2

Absolute stereochemistry.



CM 2

CRN 76-05-1  
CMF C2 H F3 O2



Updated Search

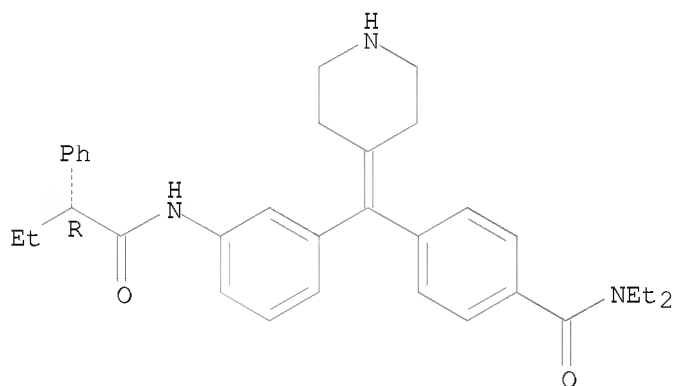
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RN 692246-02-9 HCAPLUS  
CN Benzeneacetamide, N-[3-[[4-[(diethylamino)carbonyl]phenyl]-4-piperidinylidenemethyl]phenyl]- $\alpha$ -ethyl-, ( $\alpha$ R)-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

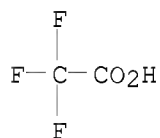
CRN 692246-00-7  
CMF C33 H39 N3 O2

Absolute stereochemistry.



CM 2

CRN 76-05-1  
CMF C2 H F3 O2



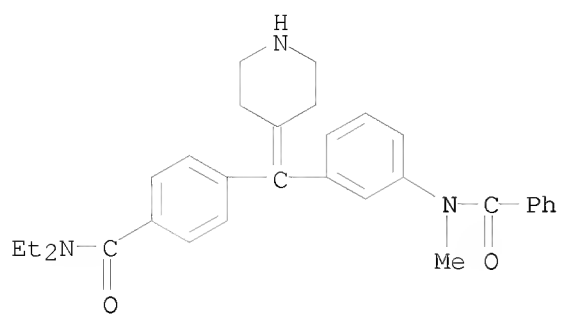
RN 692246-06-3 HCAPLUS  
CN Benzamide, 4-[[3-(benzoylmethylamino)phenyl]-4-piperidinylidenemethyl]-N,N-diethyl-, 2,2,2-trifluoroacetate (5:13) (CA INDEX NAME)

CM 1

CRN 692246-04-1  
CMF C31 H35 N3 O2

Updated Search

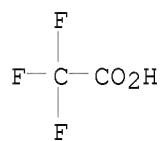
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CM 2

CRN 76-05-1

CMF C2 H F3 O2



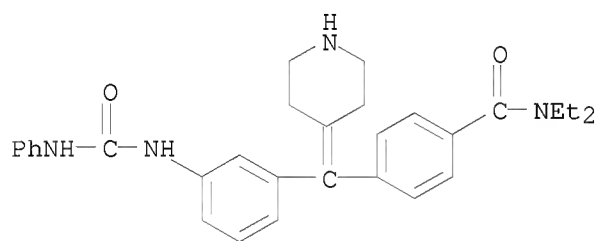
RN 692246-10-9 HCAPLUS

CN Benzamide, N,N-diethyl-4-[[3-[[4-(phenylamino)carbonyl]amino]phenyl]-4-piperidinylidenemethyl]-, 2,2,2-trifluoroacetate (5:7) (CA INDEX NAME)

CM 1

CRN 692246-08-5

CMF C30 H34 N4 O2



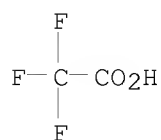
CM 2

CRN 76-05-1

CMF C2 H F3 O2

Updated Search

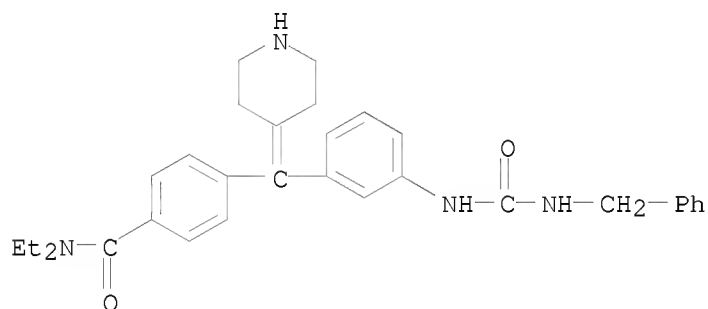
10533838



RN 692246-14-3 HCAPLUS  
CN Benzamide, N,N-diethyl-4-[[3-[[[(phenylmethyl)amino]carbonyl]amino]phenyl]-4-piperidinyldenemethyl]-, 2,2,2-trifluoroacetate (5:7) (CA INDEX NAME)

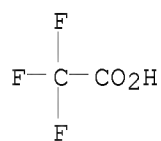
CM 1

CRN 692246-12-1  
CMF C31 H36 N4 O2



CM 2

CRN 76-05-1  
CMF C2 H F3 O2



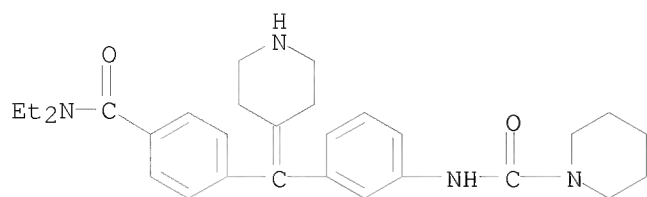
RN 692246-18-7 HCAPLUS  
CN 1-Piperidinecarboxamide, N-[3-[[4-[(diethylamino)carbonyl]phenyl]-4-piperidinyldenemethyl]phenyl]-, 2,2,2-trifluoroacetate (5:9) (CA INDEX NAME)

CM 1

CRN 692246-16-5  
CMF C29 H38 N4 O2

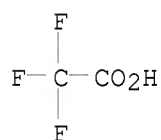
Updated Search

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CM 2

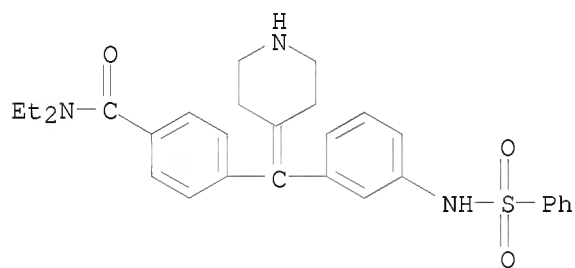
CRN 76-05-1  
CMF C2 H F3 O2



RN 692246-22-3 HCAPLUS  
CN Benzamide, N,N-diethyl-4-[[3-[(phenylsulfonyl)amino]phenyl]-4-piperidinylidenemethyl]-, 2,2,2-trifluoroacetate (1:4) (CA INDEX NAME)

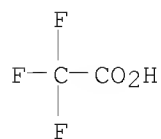
CM 1

CRN 692246-20-1  
CMF C29 H33 N3 O3 S



CM 2

CRN 76-05-1  
CMF C2 H F3 O2



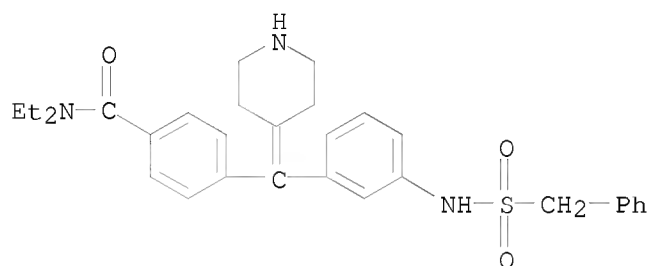
Updated Search

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RN 692246-26-7 HCAPLUS  
CN Benzamide, N,N-diethyl-4-[[3-[[ (phenylmethyl) sulfonyl] amino] phenyl]-4-piperidinylidenemethyl]-, 2,2,2-trifluoroacetate (5:14) (CA INDEX NAME)

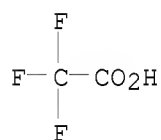
CM 1

CRN 692246-24-5  
CMF C30 H35 N3 O3 S



CM 2

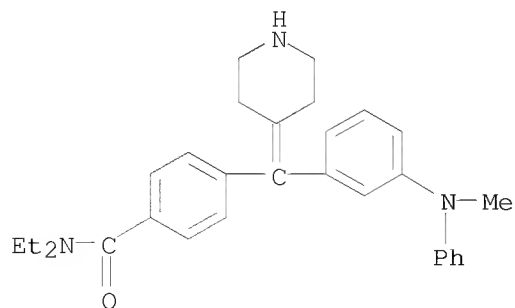
CRN 76-05-1  
CMF C2 H F3 O2



RN 692246-34-7 HCAPLUS  
CN Benzamide, N,N-diethyl-4-[[3-(methylphenylamino)phenyl]-4-piperidinylidenemethyl]-, 2,2,2-trifluoroacetate (10:13) (CA INDEX NAME)

CM 1

CRN 692246-32-5  
CMF C30 H35 N3 O

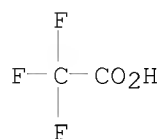


Updated Search

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CM 2

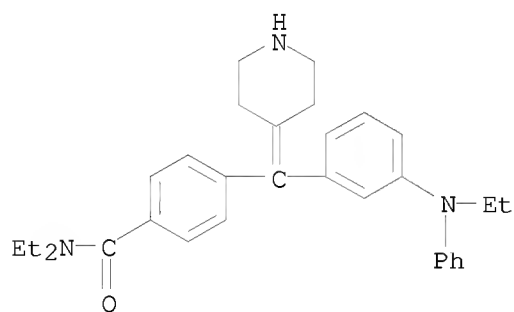
CRN 76-05-1  
CMF C2 H F3 O2



RN 692246-38-1 HCAPLUS  
CN Benzamide, N,N-diethyl-4-[[3-(ethylphenylamino)phenyl]-4-piperidinyldenemethyl]-, 2,2,2-trifluoroacetate (2:3) (CA INDEX NAME)

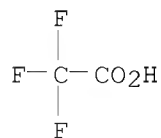
CM 1

CRN 692246-36-9  
CMF C31 H37 N3 O



CM 2

CRN 76-05-1  
CMF C2 H F3 O2



RN 692246-46-1 HCAPLUS  
CN Benzamide, N,N-diethyl-4-[[3-[[[(1S)-1-phenylethyl]amino]phenyl]-4-piperidinyldenemethyl]-, 2,2,2-trifluoroacetate (5:11) (CA INDEX NAME)

CM 1

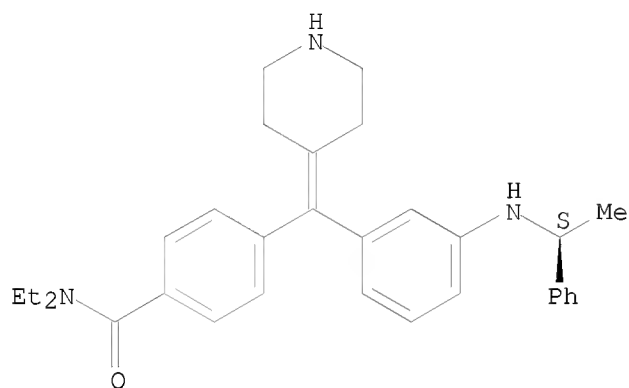
Updated Search



10533838

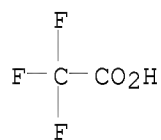
CRN 692246-44-9  
CMF C31 H37 N3 O

Absolute stereochemistry.



CM 2

CRN 76-05-1  
CMF C2 H F3 O2



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RN      692246-50-7   HCAPLUS
CN      Benzamide, N,N-diethyl-4-[[3-[[ (1R)-1-phenylethyl]amino]phenyl]-4-
        piperidinylidenemethyl]-, 2,2,2-trifluoroacetate (10:37)  (CA INDEX NAME)
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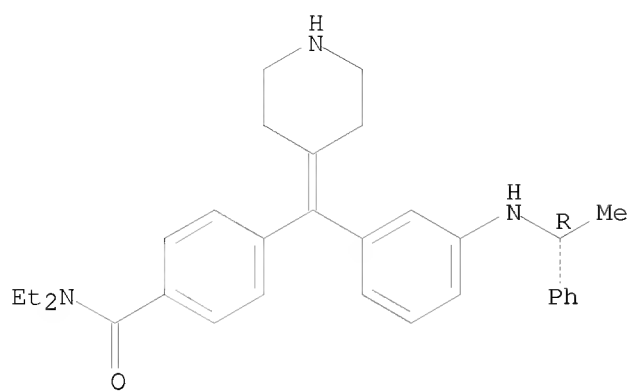
CM 1

CRN 692246-48-3  
CMF C31 H37 N3 O

Absolute stereochemistry.

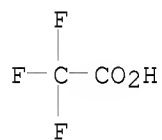
Updated Search

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CM 2

CRN 76-05-1  
CMF C2 H F3 O2

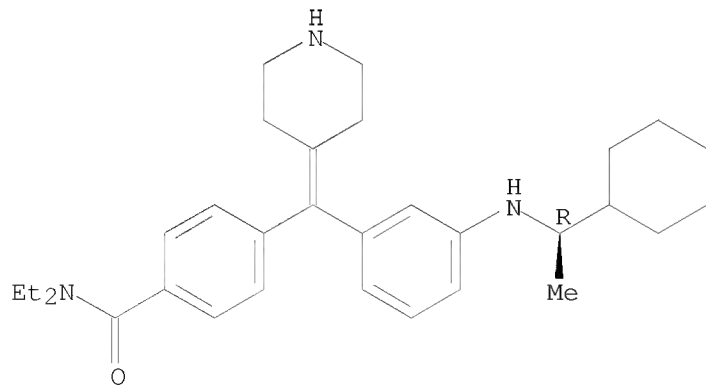


RN 692246-54-1 HCAPLUS  
CN Benzamide, 4-[[3-[[[(1R)-1-cyclohexylethyl]amino]phenyl]-4-piperidinylidenemethyl]-N,N-diethyl-, 2,2,2-trifluoroacetate (5:11) (CA INDEX NAME)

CM 1

CRN 692246-52-9  
CMF C31 H43 N3 O

Absolute stereochemistry.

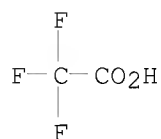


Updated Search

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CM 2

CRN 76-05-1  
CMF C2 H F3 O2

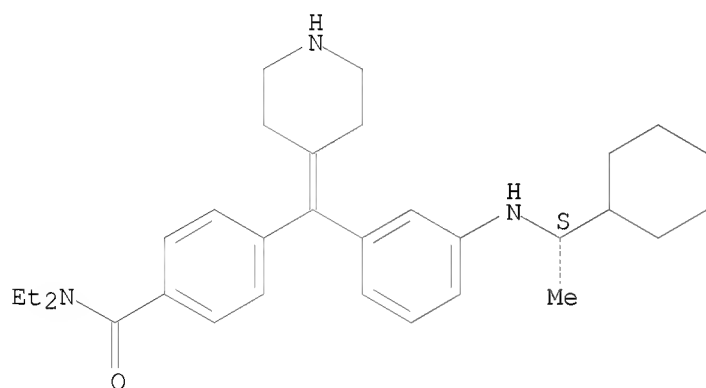


RN 692246-58-5 HCAPLUS  
CN Benzamide, 4-[[[3-[[[(1S)-1-cyclohexylethyl]amino]phenyl]-4-piperidinylidenemethyl]-N,N-diethyl-, 2,2,2-trifluoroacetate (10:19) (CA INDEX NAME)

CM 1

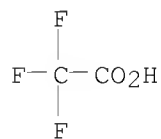
CRN 692246-56-3  
CMF C31 H43 N3 O

Absolute stereochemistry.



CM 2

CRN 76-05-1  
CMF C2 H F3 O2



Updated Search

10533838

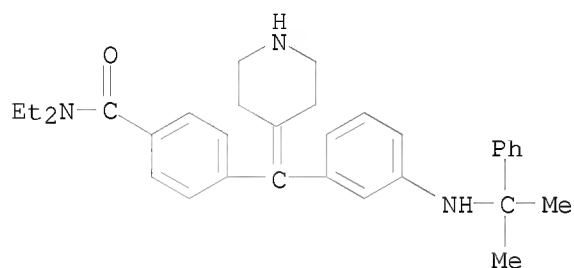
RN 692246-62-1 HCAPLUS

CN Benzamide, N,N-diethyl-4-[[3-[(1-methyl-1-phenylethyl)amino]phenyl]-4-piperidinylidenemethyl]-, 2,2,2-trifluoroacetate (10:29) (CA INDEX NAME)

CM 1

CRN 692246-60-9

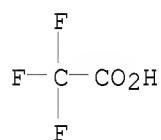
CMF C32 H39 N3 O



CM 2

CRN 76-05-1

CMF C2 H F3 O2



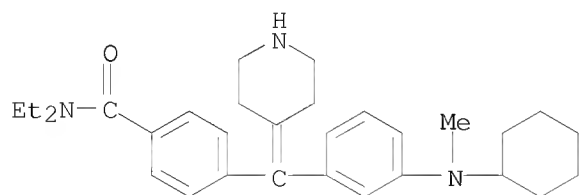
RN 692246-66-5 HCAPLUS

CN Benzamide, 4-[[3-(cyclohexylmethylamino)phenyl]-4-piperidinylidenemethyl]-N,N-diethyl-, 2,2,2-trifluoroacetate (5:18) (CA INDEX NAME)

CM 1

CRN 692246-64-3

CMF C30 H41 N3 O

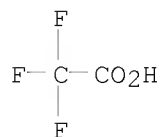


CM 2

Updated Search

10533838

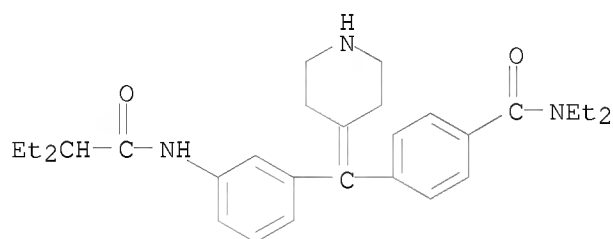
CRN 76-05-1  
CMF C2 H F3 O2



RN 692246-78-9 HCAPLUS  
CN Benzamide, N,N-diethyl-4-[[3-[(2-ethyl-1-oxobutyl)amino]phenyl]-4-piperidinyldenemethyl]-, 2,2,2-trifluoroacetate (5:9) (CA INDEX NAME)

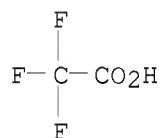
CM 1

CRN 692246-76-7  
CMF C29 H39 N3 O2



CM 2

CRN 76-05-1  
CMF C2 H F3 O2



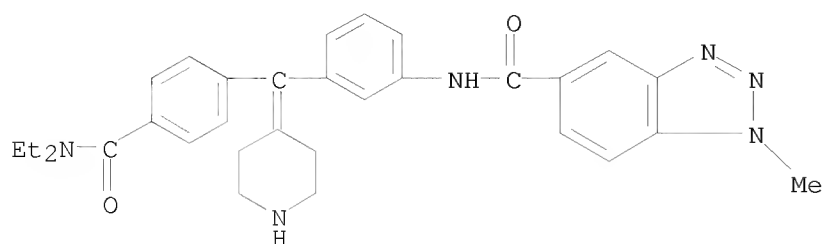
RN 692246-82-5 HCAPLUS  
CN 1H-Benzotriazole-5-carboxamide, N-[3-[[4-[(diethylamino)carbonyl]phenyl]-4-piperidinyldenemethyl]phenyl]-1-methyl-, 2,2,2-trifluoroacetate (10:11) (CA INDEX NAME)

CM 1

CRN 692246-80-3  
CMF C31 H34 N6 O2

Updated Search

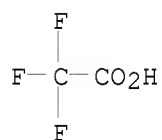
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CM 2

CRN 76-05-1

CMF C2 H F3 O2



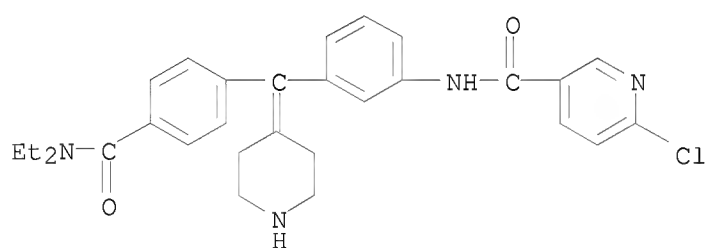
RN 692246-87-0 HCAPLUS

CN 3-Pyridinecarboxamide, 6-chloro-N-[3-[[4-[(diethylamino)carbonyl]phenyl]-4-piperidinylidenemethyl]phenyl]-, 2,2,2-trifluoroacetate (10:11) (CA INDEX NAME)

CM 1

CRN 692246-85-8

CMF C29 H31 Cl N4 O2



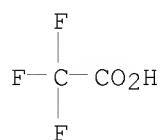
CM 2

CRN 76-05-1

CMF C2 H F3 O2

Updated Search

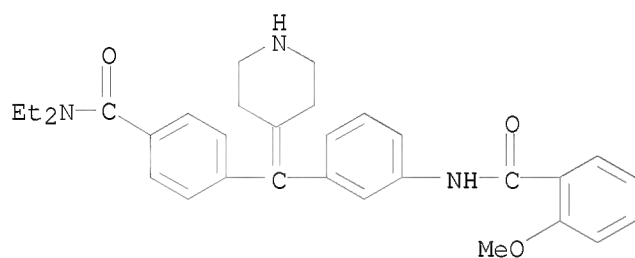
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RN 692246-91-6 HCAPLUS  
CN Benzamide, N,N-diethyl-4-[[3-[(2-methoxybenzoyl)amino]phenyl]-4-piperidinylidenemethyl]-, 2,2,2-trifluoroacetate (10:11) (CA INDEX NAME)

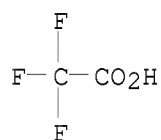
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CRN 692246-89-2  
CMF C31 H35 N3 O3



CM 2

CRN 76-05-1  
CMF C2 H F3 O2



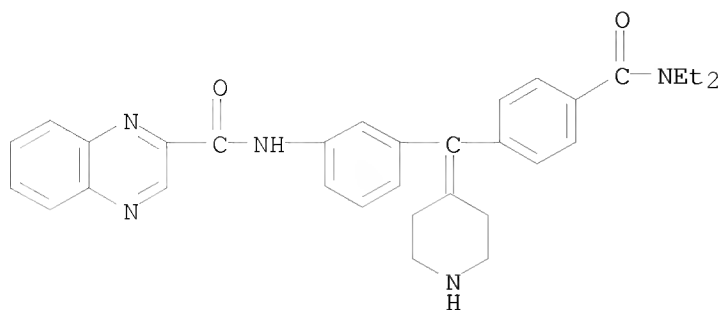
RN 692246-95-0 HCAPLUS  
CN 2-Quinoxalinecarboxamide, N-[3-[[4-[(diethylamino)carbonyl]phenyl]-4-piperidinylidenemethyl]phenyl]-, 2,2,2-trifluoroacetate (10:11) (CA INDEX NAME)

CM 1

CRN 692246-93-8  
CMF C32 H33 N5 O2

Updated Search

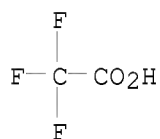
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CM 2

CRN 76-05-1

CMF C2 H F3 O2



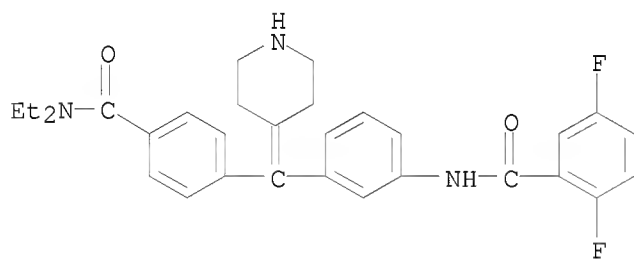
RN 692246-99-4 HCAPLUS

CN Benzamide, N-[3-[[4-[(diethylamino)carbonyl]phenyl]-4-piperidinylidenemethyl]phenyl]-2,5-difluoro-, 2,2,2-trifluoroacetate (10:11) (CA INDEX NAME)

CM 1

CRN 692246-97-2

CMF C30 H31 F2 N3 O2



CM 2

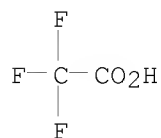
CRN 76-05-1

CMF C2 H F3 O2

Updated Search



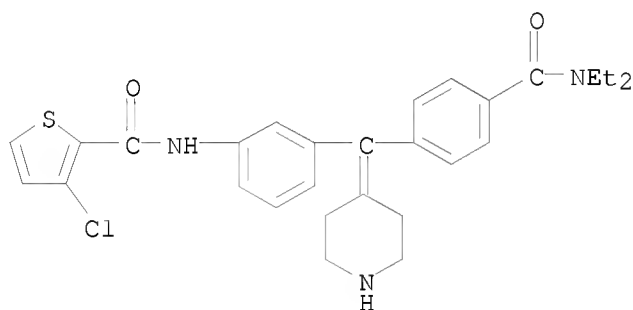
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RN 692247-03-3 HCAPLUS  
CN 2-Thiophenecarboxamide, 3-chloro-N-[3-[[4-[(diethylamino)carbonyl]phenyl]-4-piperidinylidenemethyl]phenyl]-, 2,2,2-trifluoroacetate (10:11) (CA INDEX NAME)

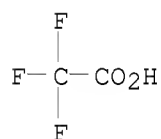
CM 1

CRN 692247-01-1  
CMF C28 H30 Cl N3 O2 S



CM 2

CRN 76-05-1  
CMF C2 H F3 O2



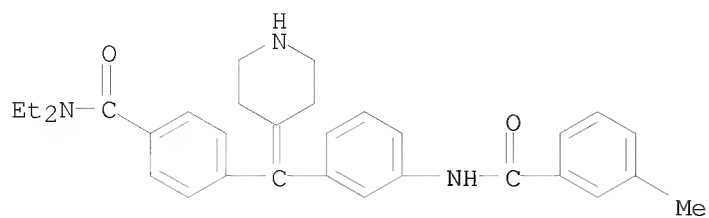
RN 692247-07-7 HCAPLUS  
CN Benzamide, N,N-diethyl-4-[[3-[(3-methylbenzoyl)amino]phenyl]-4-piperidinylidenemethyl]-, 2,2,2-trifluoroacetate (10:11) (CA INDEX NAME)

CM 1

CRN 692247-05-5  
CMF C31 H35 N3 O2

Updated Search

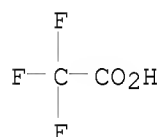
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CM 2

CRN 76-05-1

CMF C2 H F3 O2



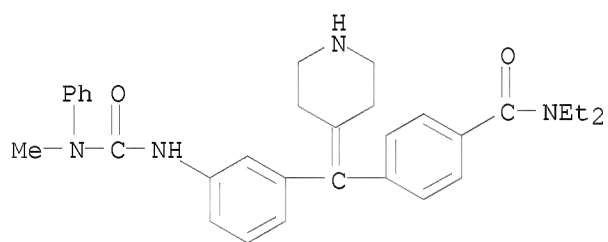
RN 692247-11-3 HCAPLUS

CN Benzamide, N,N-diethyl-4-[[3-[[ (methylphenylamino)carbonyl]amino]phenyl]-4-piperidinylidenemethyl]-, 2,2,2-trifluoroacetate (5:9) (CA INDEX NAME)

CM 1

CRN 692247-09-9

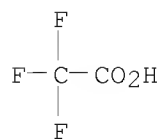
CMF C31 H36 N4 O2



CM 2

CRN 76-05-1

CMF C2 H F3 O2



Updated Search

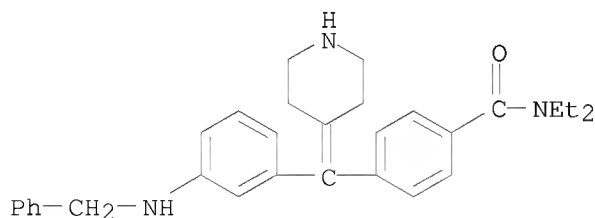
IT 692244-99-8P, 4-[[3-(Benzylamino)phenyl](piperidin-4-ylidene)methyl]-N,N-diethylbenzamide 692245-01-5P, N,N-Diethyl-4-[[3-[(3-furylmethyl)amino]phenyl](piperidin-4-ylidene)methyl]benzamide 692245-03-7P, N,N-Diethyl-4-[(piperidin-4-ylidene)[3-[(thien-3-yl)methyl]amino]phenyl]methyl]benzamide 692245-05-9P, N,N-Diethyl-4-[[3-[(2-phenylethyl)amino]phenyl](piperidin-4-ylidene)methyl]benzamide 692245-07-1P, 4-[[3-[(4-Chlorobenzyl)amino]phenyl](piperidin-4-ylidene)methyl]-N,N-diethylbenzamide 692245-11-7P, N,N-Diethyl-4-[(piperidin-4-ylidene)[3-[[3-(trifluoromethyl)benzyl]amino]phenyl]methyl]benzamide 692245-15-1P, 4-[[3-[(2-Chlorobenzyl)amino]phenyl](piperidin-4-ylidene)methyl]-N,N-diethylbenzamide 692245-19-5P, N,N-Diethyl-4-[(piperidin-4-ylidene)[3-[[4-(trifluoromethyl)benzyl]amino]phenyl]methyl]benzamide 692245-23-1P, N,N-Diethyl-4-[[3-[(2-furylmethyl)amino]phenyl](piperidin-4-ylidene)methyl]benzamide 692245-27-5P, N,N-Diethyl-4-[(piperidin-4-ylidene)[3-[(thien-2-yl)methyl]amino]phenyl]methyl]benzamide 692245-31-1P, 4-[[3-[(Cyclohexylmethyl)amino]phenyl](piperidin-4-ylidene)methyl]-N,N-diethylbenzamide 692245-35-5P, N,N-Diethyl-4-[(piperidin-4-ylidene)[3-(propylamino)phenyl]methyl]benzamide 692245-51-5P, 4-[[3-[(Cyclopentyl(methyl)amino]phenyl](piperidin-4-ylidene)methyl]-N,N-diethylbenzamide 692245-55-9P, 4-[[3-(Benzoylamino)phenyl](piperidin-4-ylidene)methyl]-N,N-diethylbenzamide 692245-59-3P, N,N-Diethyl-4-[[3-[(phenylacetyl)amino]phenyl](piperidin-4-ylidene)methyl]benzamide 692245-63-9P, 4-[[3-[(Cyclohexylcarbonyl)amino]phenyl](piperidin-4-ylidene)methyl]-N,N-diethylbenzamide 692245-67-3P, 4-[[3-[(Cyclohexylacetyl)amino]phenyl](piperidin-4-ylidene)methyl]-N,N-diethylbenzamide 692245-71-9P, 4-[[3-[[2-Chlorophenyl]acetyl]amino]phenyl](piperidin-4-ylidene)methyl]-N,N-diethylbenzamide 692245-75-3P, 4-[[3-[[3-Chlorophenyl]acetyl]amino]phenyl](piperidin-4-ylidene)methyl]-N,N-diethylbenzamide 692245-79-7P, N,N-Diethyl-4-[[3-[[5-methylthien-2-yl]acetyl]amino]phenyl](piperidin-4-ylidene)methyl]benzamide 692245-84-4P, 4-[[3-[[5-Chlorothien-2-yl]acetyl]amino]phenyl](piperidin-4-ylidene)methyl]-N,N-diethylbenzamide 692245-88-8P, (S)-N,N-Diethyl-4-[[3-[(2-phenylpropanoyl)amino]phenyl](piperidin-4-ylidene)methyl]benzamide 692245-92-4P, (R)-N,N-Diethyl-4-[[3-[(2-phenylpropanoyl)amino]phenyl](piperidin-4-ylidene)methyl]benzamide 692245-96-8P, (S)-N,N-Diethyl-4-[[3-[(2-phenylbutanoyl)amino]phenyl](piperidin-4-ylidene)methyl]benzamide 692246-00-7P, (R)-N,N-Diethyl-4-[[3-[(2-phenylbutanoyl)amino]phenyl](piperidin-4-ylidene)methyl]benzamide 692246-04-1P, 4-[[3-[(Benzoyl(methyl)amino]phenyl](piperidin-4-ylidene)methyl]-N,N-diethylbenzamide 692246-08-5P, 4-[[3-[(Anilinocarbonyl)amino]phenyl](piperidin-4-ylidene)methyl]-N,N-diethylbenzamide 692246-12-1P, 4-[[3-[[3-(Benzylamino)carbonyl]amino]phenyl](piperidin-4-ylidene)methyl]-N,N-diethylbenzamide 692246-16-5P, N-[3-[[4-[(Diethylamino)carbonyl]phenyl](piperidin-4-ylidene)methyl]phenyl]piperidine-1-carboxamide 692246-20-1P, N,N-Diethyl-4-[[3-[(phenylsulfonyl)amino]phenyl](piperidin-4-ylidene)methyl]benzamide 692246-24-5P, 4-[[3-[(Benzylsulfonyl)amino]phenyl](piperidin-4-ylidene)methyl]-N,N-diethylbenzamide 692246-32-5P, N,N-Diethyl-4-[[3-[methyl(phenyl)amino]phenyl](piperidin-4-

ylidene)methyl]benzamide 692246-36-9P, N,N-Diethyl-4-[[3-[ethyl(phenyl)amino]phenyl](piperidin-4-ylidene)methyl]benzamide 692246-44-9P, (S)-N,N-Diethyl-4-[[3-[(1-phenylethyl)amino]phenyl](piperidin-4-ylidene)methyl]benzamide 692246-48-3P, (R)-N,N-Diethyl-4-[[3-[(1-phenylethyl)amino]phenyl](piperidin-4-ylidene)methyl]benzamide 692246-52-9P, (R)-4-[[3-[(1-Cyclohexylethyl)amino]phenyl](piperidin-4-ylidene)methyl]-N,N-diethylbenzamide 692246-56-3P, (S)-4-[[3-[(1-Cyclohexylethyl)amino]phenyl](piperidin-4-ylidene)methyl]-N,N-diethylbenzamide 692246-60-9P, N,N-Diethyl-4-[[3-[(1-methyl-1-phenylethyl)amino]phenyl](piperidin-4-ylidene)methyl]benzamide 692246-64-3P, 4-[[3-[Cyclohexyl(methyl)amino]phenyl](piperidin-4-ylidene)methyl]-N,N-diethylbenzamide 692246-76-7P, N,N-Diethyl-4-[[3-[(2-ethyl-1-oxobutyl)amino]phenyl]-4-piperidinyliidenemethyl]benzamide 692246-80-3P 692246-85-8P, 6-Chloro-N-[3-[[4-[(diethylamino)carbonyl]phenyl]-4-piperidinyliidenemethyl]phenyl]-3-pyridinecarboxamide 692246-89-2P, N-[3-[[4-[(Diethylamino)carbonyl]phenyl]-4-piperidinyliidenemethyl]phenyl]-2-methoxybenzamide 692246-93-8P, N-[3-[[4-[(Diethylamino)carbonyl]phenyl]-4-piperidinyliidenemethyl]phenyl]-2-quinoxalinecarboxamide 692246-97-2P, N-[3-[[4-[(Diethylamino)carbonyl]phenyl]-4-piperidinyliidenemethyl]phenyl]-2,5-difluorobenzamide 692247-01-1P, 3-Chloro-N-[3-[[4-[(diethylamino)carbonyl]phenyl]-4-piperidinyliidenemethyl]phenyl]-2-thiophenecarboxamide 692247-05-5P, N-[3-[[4-[(Diethylamino)carbonyl]phenyl]-4-piperidinyliidenemethyl]phenyl]-3-methylbenzamide 692247-09-9P, N,N-Diethyl-4-[[3-[[[methyl(phenyl)amino]carbonyl]amino]phenyl]-4-piperidinyliidenemethyl]benzamide  
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

( $\delta$  receptor agonist; preparation of (phenylpiperidinyliidenemethyl)benz amides as  $\delta$  receptor agonists for treatment of pain, anxiety, or gastrointestinal disorders)

RN 692244-99-8 HCAPLUS

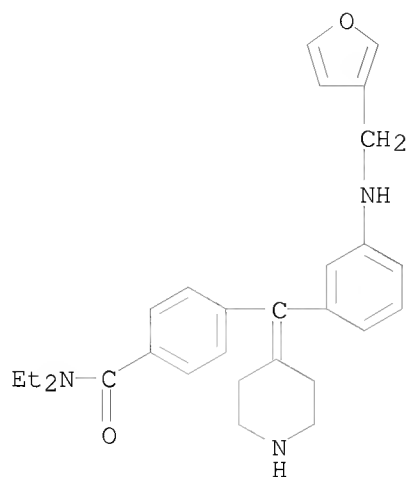
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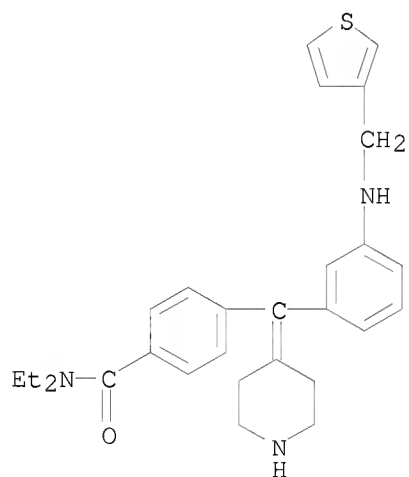
RN 692245-01-5 HCAPLUS

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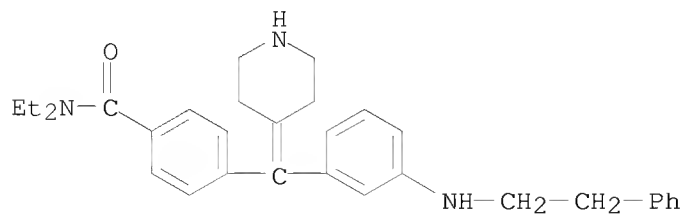
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RN 692245-03-7 HCAPLUS  
CN Benzamide, N,N-diethyl-4-[4-piperidinylidene[3-[(3-thienylmethyl)amino]phenyl]methyl]- (CA INDEX NAME)



RN 692245-05-9 HCAPLUS  
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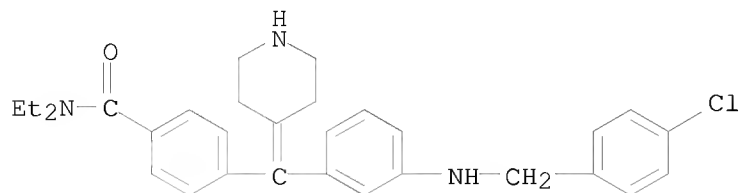


Updated Search

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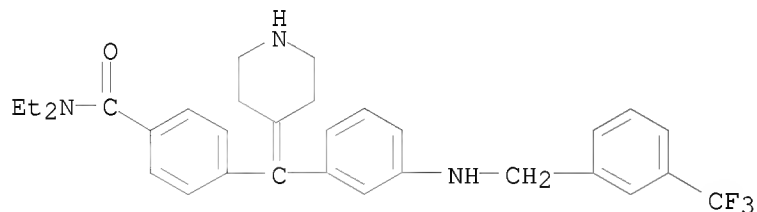
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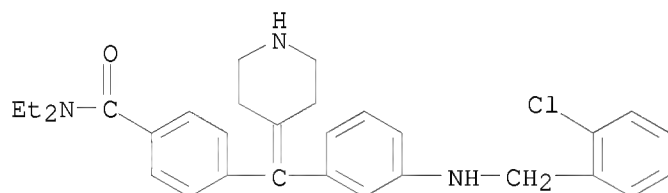
RN 692245-11-7 HCAPLUS

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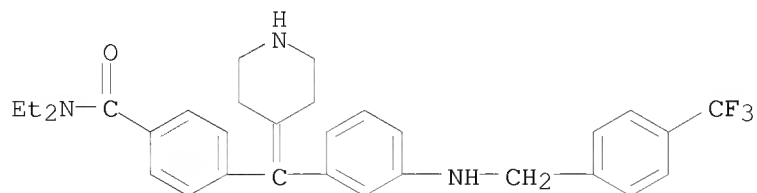
RN 692245-15-1 HCAPLUS

CN Benzamide, 4-[[3-[[[(2-chlorophenyl)methyl]amino]phenyl]-4-piperidinylidenemethyl]-N,N-diethyl- (CA INDEX NAME)



RN 692245-19-5 HCAPLUS

CN Benzamide, N,N-diethyl-4-[4-piperidinylidene[3-[[[4-(trifluoromethyl)phenyl]methyl]amino]phenyl]methyl]- (CA INDEX NAME)

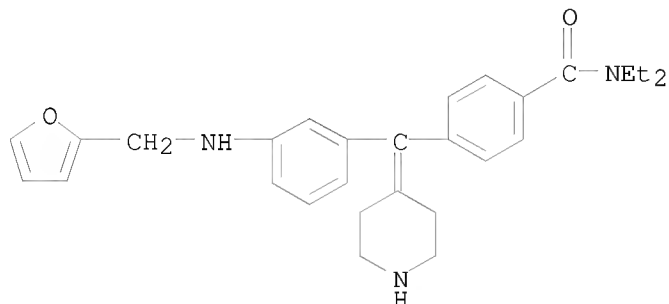


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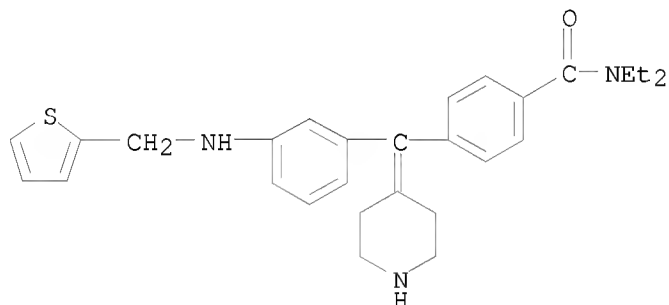
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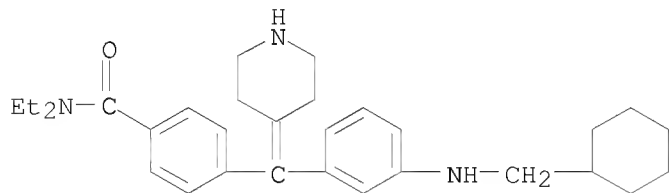
RN 692245-27-5 HCAPLUS

CN Benzamide, N,N-diethyl-4-[4-piperidinylidene[3-[(2-thienylmethyl)amino]phenyl]methyl]- (CA INDEX NAME)



RN 692245-31-1 HCAPLUS

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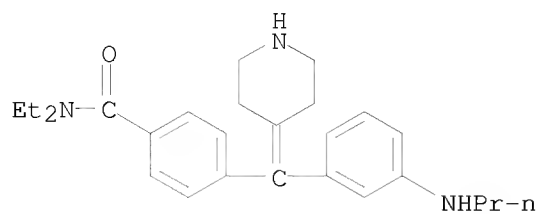


RN 692245-35-5 HCAPLUS

CN Benzamide, N,N-diethyl-4-[4-piperidinylidene[3-(propylamino)phenyl]methyl]- (CA INDEX NAME)

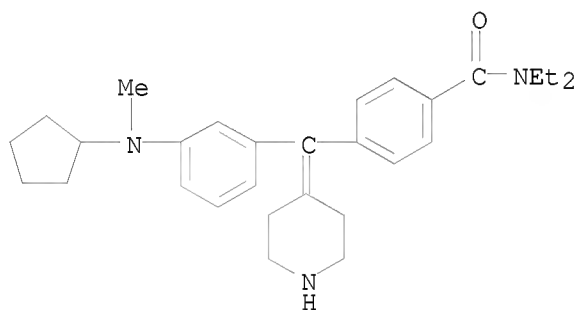
Updated Search

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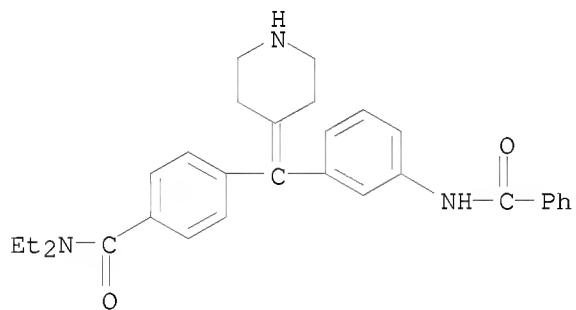
RN 692245-51-5 HCAPLUS

CN Benzamide, 4-[[3-(cyclopentylmethylamino)phenyl]-4-piperidinylidenemethyl]-N,N-diethyl- (CA INDEX NAME)



RN 692245-55-9 HCAPLUS

CN Benzamide, 4-[[3-(benzoylamino)phenyl]-4-piperidinylidenemethyl]-N,N-diethyl- (CA INDEX NAME)



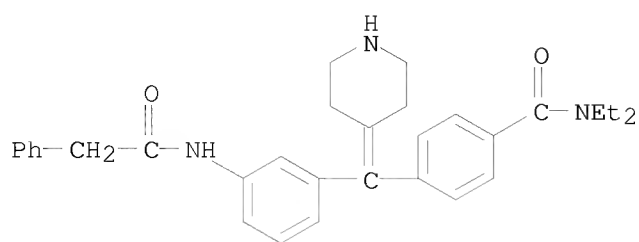
RN 692245-59-3 HCAPLUS

CN Benzeneacetamide, N-[3-[[4-[(diethylamino)carbonyl]phenyl]-4-piperidinylidenemethyl]phenyl]- (CA INDEX NAME)

Updated Search

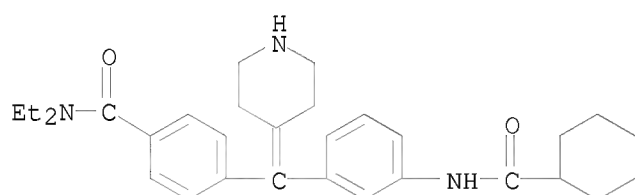


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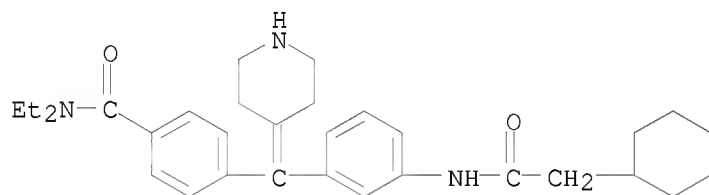
RN 692245-63-9 HCAPLUS

CN Benzamide, 4-[[3-[(cyclohexylcarbonyl)amino]phenyl]-4-piperidinylidenemethyl]-N,N-diethyl- (CA INDEX NAME)



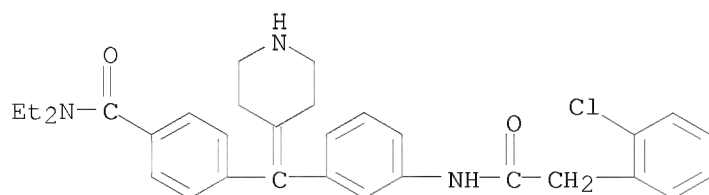
RN 692245-67-3 HCAPLUS

CN Benzamide, 4-[[3-[(2-cyclohexylacetyl)amino]phenyl]-4-piperidinylidenemethyl]-N,N-diethyl- (CA INDEX NAME)



RN 692245-71-9 HCAPLUS

CN Benzeneacetamide, 2-chloro-N-[3-[[4-[(diethylamino)carbonyl]phenyl]-4-piperidinylidenemethyl]phenyl]- (CA INDEX NAME)

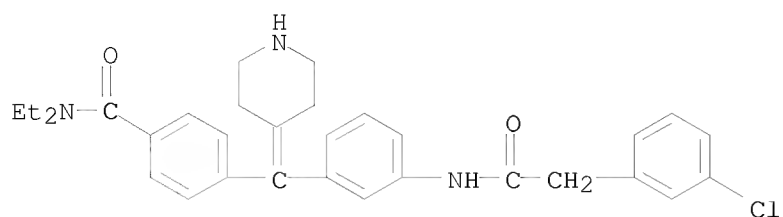


RN 692245-75-3 HCAPLUS

CN Benzeneacetamide, 3-chloro-N-[3-[[4-[(diethylamino)carbonyl]phenyl]-4-piperidinylidenemethyl]phenyl]- (CA INDEX NAME)

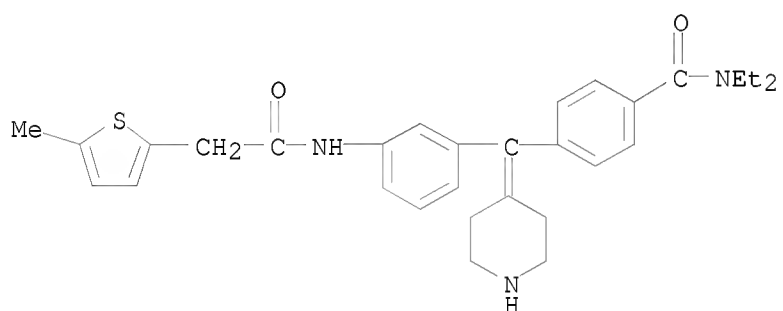
Updated Search

10533838



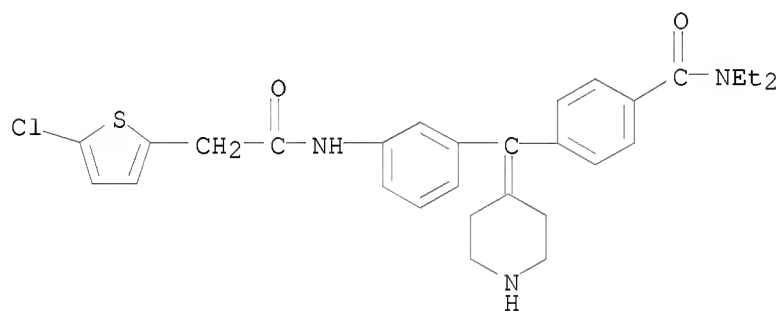
RN 692245-79-7 HCAPLUS

CN 2-Thiopheneacetamide, N-[3-[[4-[(diethylamino)carbonyl]phenyl]-4-piperidinylidenemethyl]phenyl]-5-methyl- (CA INDEX NAME)



RN 692245-84-4 HCAPLUS

CN 2-Thiopheneacetamide, 5-chloro-N-[3-[[4-[(diethylamino)carbonyl]phenyl]-4-piperidinylidenemethyl]phenyl]- (CA INDEX NAME)



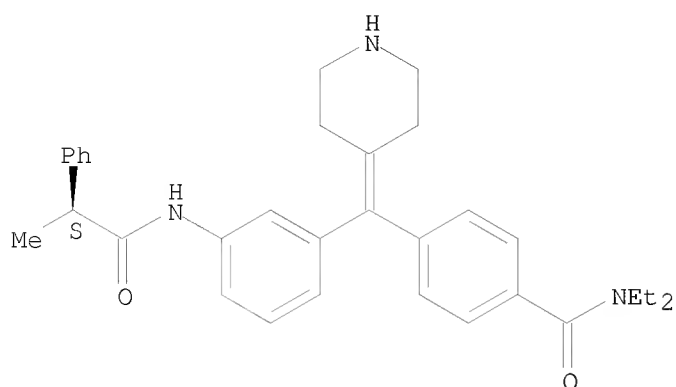
RN 692245-88-8 HCAPLUS

CN Benzeneacetamide, N-[3-[[4-[(diethylamino)carbonyl]phenyl]-4-piperidinylidenemethyl]phenyl]-α-methyl-, (αS)- (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

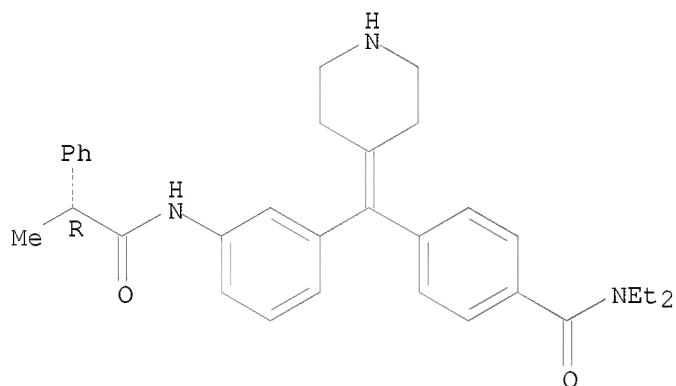
10533838



RN 692245-92-4 HCAPLUS

CN Benzeneacetamide, N-[3-[[4-[(diethylamino)carbonyl]phenyl]-4-piperidinylidenemethyl]phenyl]- $\alpha$ -methyl-, ( $\alpha$ R)- (CA INDEX NAME)

Absolute stereochemistry.



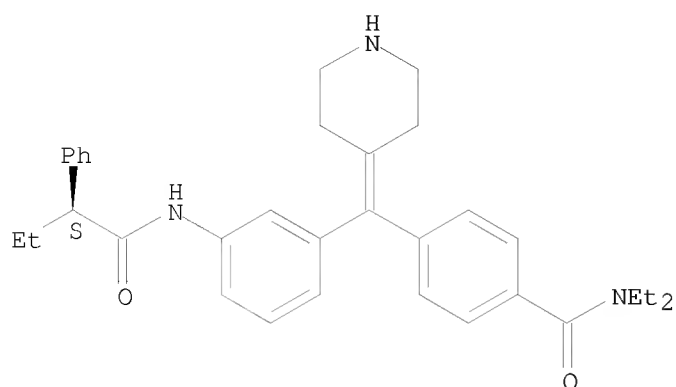
RN 692245-96-8 HCAPLUS

CN Benzeneacetamide, N-[3-[[4-[(diethylamino)carbonyl]phenyl]-4-piperidinylidenemethyl]phenyl]- $\alpha$ -ethyl-, ( $\alpha$ S)- (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

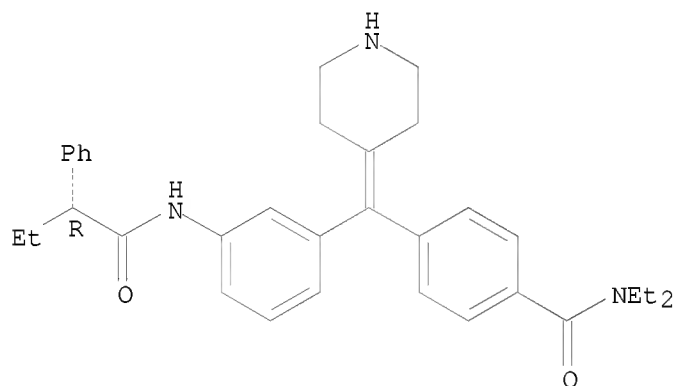
10533838



RN 692246-00-7 HCAPLUS

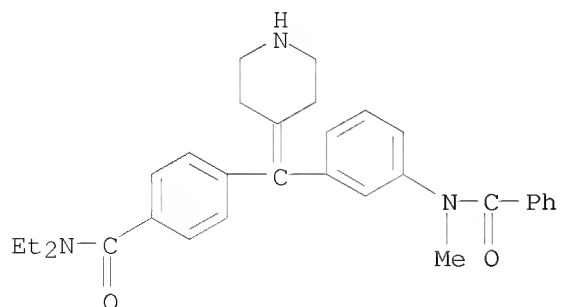
CN Benzeneacetamide, N-[3-[[4-[(diethylamino)carbonyl]phenyl]-4-piperidinylidenemethyl]phenyl]-α-ethyl-, (αR)- (CA INDEX NAME)

Absolute stereochemistry.



RN 692246-04-1 HCAPLUS

CN Benzamide, 4-[[3-(benzoylmethylamino)phenyl]-4-piperidinylidenemethyl]-N,N-diethyl- (CA INDEX NAME)

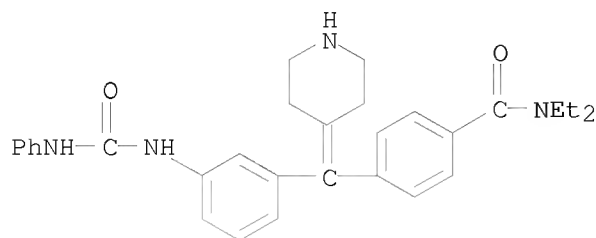


Updated Search

10533838

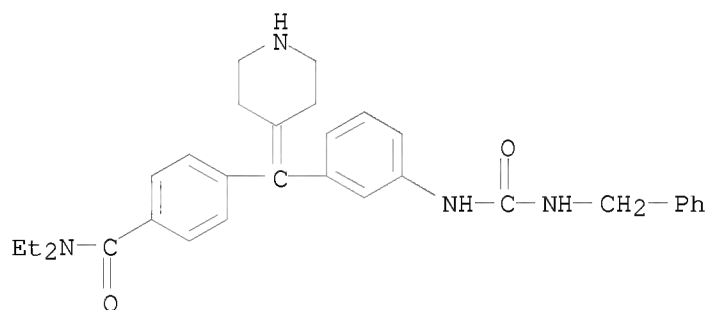
RN 692246-08-5 HCAPLUS

CN Benzamide, N,N-diethyl-4-[[3-[[ (phenylamino)carbonyl]amino]phenyl]-4-piperidinylidenemethyl]- (CA INDEX NAME)



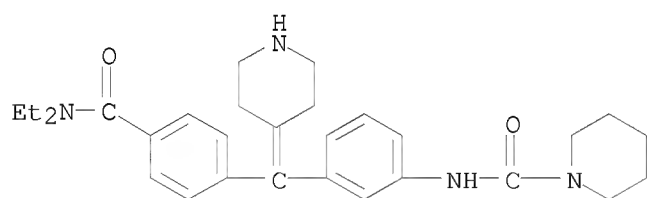
RN 692246-12-1 HCAPLUS

CN Benzamide, N,N-diethyl-4-[[3-[[[(phenylmethyl)amino]carbonyl]amino]phenyl]-4-piperidinylidenemethyl]- (CA INDEX NAME)



RN 692246-16-5 HCAPLUS

CN 1-Piperidinecarboxamide, N-[3-[[4-[(diethylamino)carbonyl]phenyl]-4-piperidinylidenemethyl]phenyl]- (CA INDEX NAME)

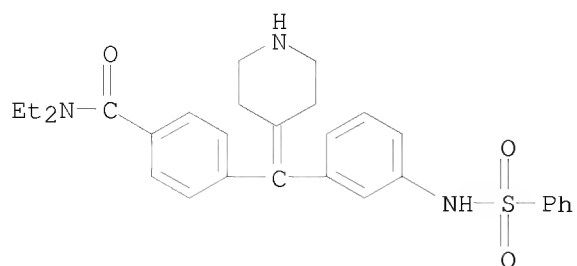


RN 692246-20-1 HCAPLUS

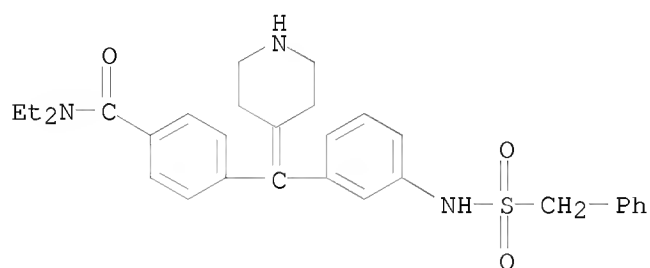
CN Benzamide, N,N-diethyl-4-[[3-[(phenylsulfonyl)amino]phenyl]-4-piperidinylidenemethyl]- (CA INDEX NAME)

Updated Search

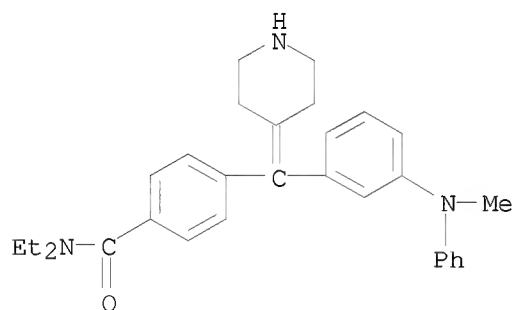
10533838



RN 692246-24-5 HCAPLUS  
CN Benzamide, N,N-diethyl-4-[[3-[(phenylmethyl)sulfonyl]amino]phenyl]-4-piperidinylidenemethyl]- (CA INDEX NAME)



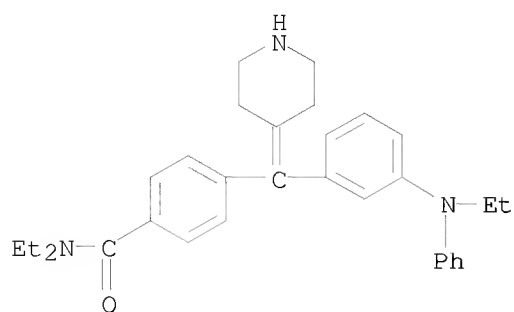
RN 692246-32-5 HCAPLUS  
CN Benzamide, N,N-diethyl-4-[[3-(methylphenylamino)phenyl]-4-piperidinylidenemethyl]- (CA INDEX NAME)



RN 692246-36-9 HCAPLUS  
CN Benzamide, N,N-diethyl-4-[[3-(ethylphenylamino)phenyl]-4-piperidinylidenemethyl]- (CA INDEX NAME)

Updated Search

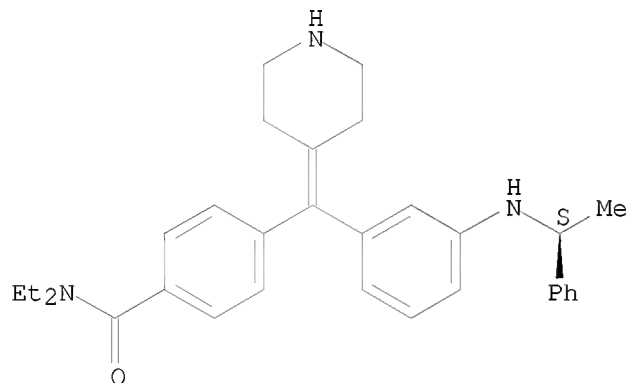
10533838



RN 692246-44-9 HCAPLUS

CN Benzamide, N,N-diethyl-4-[[3-[[[(1S)-1-phenylethyl]amino]phenyl]-4-piperidinylidenemethyl]- (CA INDEX NAME)

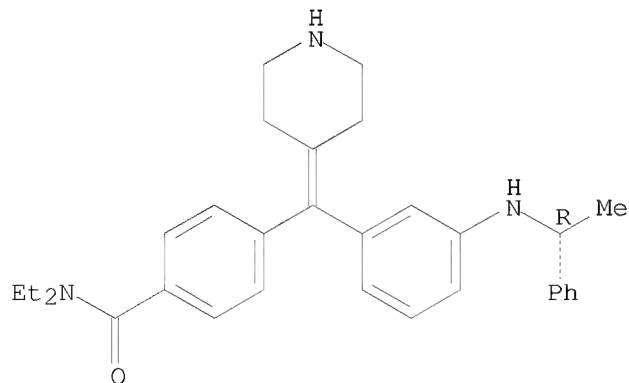
Absolute stereochemistry.



RN 692246-48-3 HCAPLUS

CN Benzamide, N,N-diethyl-4-[[3-[[[(1R)-1-phenylethyl]amino]phenyl]-4-piperidinylidenemethyl]- (CA INDEX NAME)

Absolute stereochemistry.



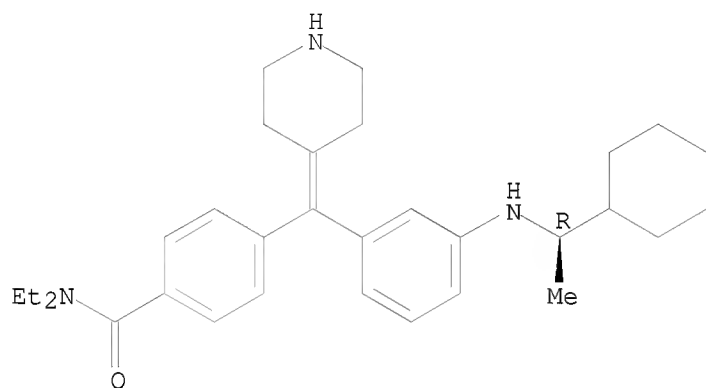
Updated Search

10533838

RN 692246-52-9 HCAPLUS

CN Benzamide, 4-[[3-[[[(1R)-1-cyclohexylethyl]amino]phenyl]-4-piperidinylidenemethyl]-N,N-diethyl- (CA INDEX NAME)

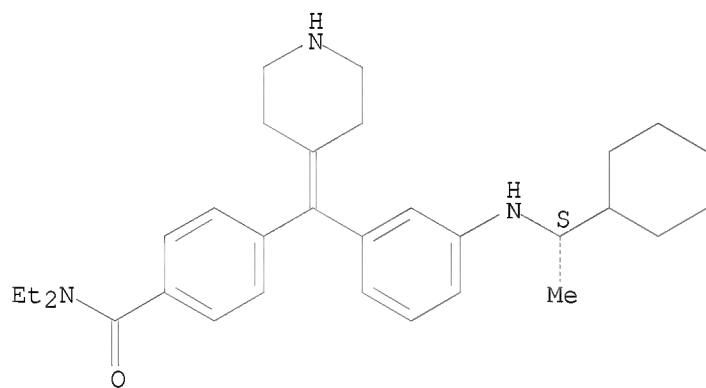
Absolute stereochemistry.



RN 692246-56-3 HCAPLUS

CN Benzamide, 4-[[3-[[[(1S)-1-cyclohexylethyl]amino]phenyl]-4-piperidinylidenemethyl]-N,N-diethyl- (CA INDEX NAME)

Absolute stereochemistry.



RN 692246-60-9 HCAPLUS

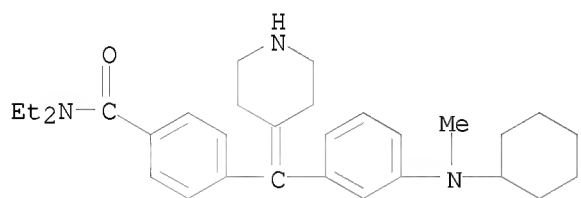
CN Benzamide, N,N-diethyl-4-[[3-[(1-methyl-1-phenylethyl)amino]phenyl]-4-piperidinylidenemethyl]- (CA INDEX NAME)

Updated Search

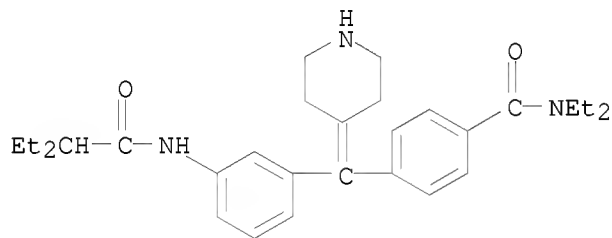


CCN(CC)C(=O)c1ccc(cc1)C(=O)N2CCCCC2c3ccc(cc3)NC(C)(C)c4ccccc4

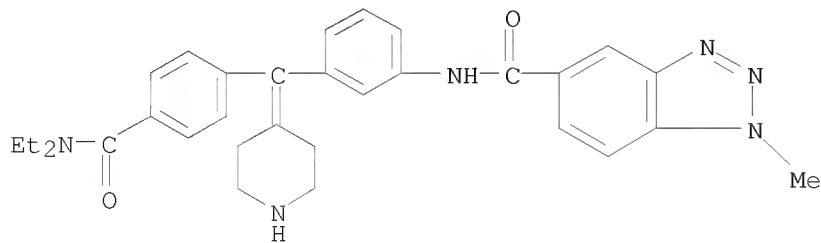
CN Benzamide, 4-[[3-(cyclohexylmethylamino)phenyl]-4-piperidinylidenemethyl]-  
N,N-diethyl- (CA INDEX NAME)



CN Benzamide, N,N-diethyl-4-[3-[ (2-ethyl-1-oxobutyl)amino]phenyl]-4-piperidinylidenemethyl]- (CA INDEX NAME)



CN 1H-Benzotriazole-5-carboxamide, N-[3-[[4-[(diethylamino)carbonyl]phenyl]-4-piperidinylidenemethyl]phenyl]-1-methyl- (CA INDEX NAME)

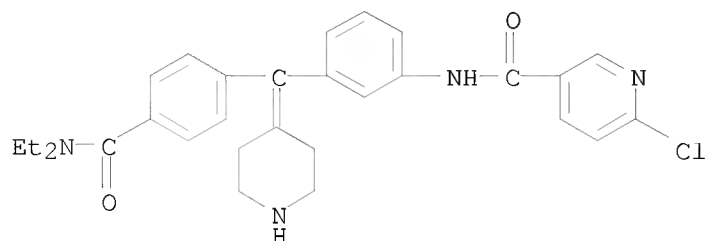


Updated Search

10533838

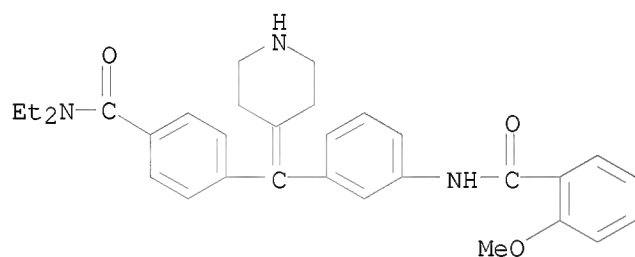
RN 692246-85-8 HCAPLUS

CN 3-Pyridinecarboxamide, 6-chloro-N-[3-[[4-[(diethylamino)carbonyl]phenyl]-4-piperidinylidenemethyl]phenyl]- (CA INDEX NAME)



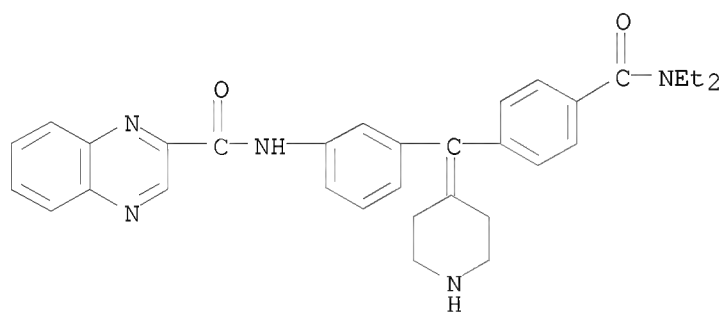
RN 692246-89-2 HCAPLUS

CN Benzamide, N,N-diethyl-4-[[3-[(2-methoxybenzoyl)amino]phenyl]-4-piperidinylidenemethyl]- (CA INDEX NAME)



RN 692246-93-8 HCAPLUS

CN 2-Quinoxalinecarboxamide, N-[3-[[4-[(diethylamino)carbonyl]phenyl]-4-piperidinylidenemethyl]phenyl]- (CA INDEX NAME)



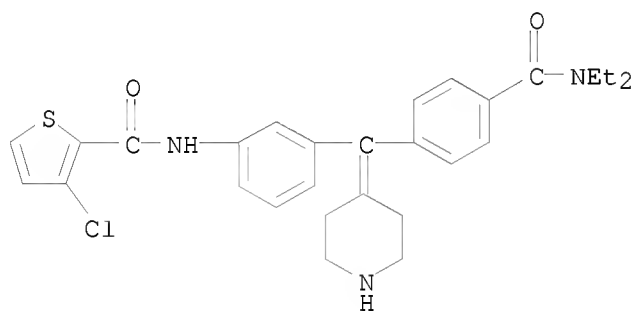
RN 692246-97-2 HCAPLUS

CN Benzamide, N-[3-[[4-[(diethylamino)carbonyl]phenyl]-4-piperidinylidenemethyl]phenyl]-2,5-difluoro- (CA INDEX NAME)

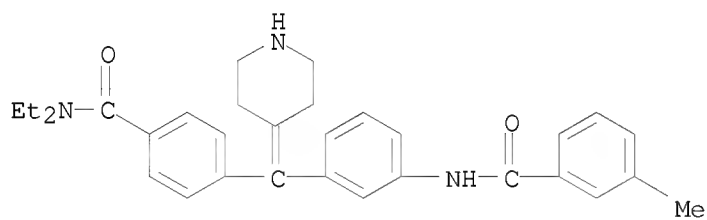
Updated Search

CCN(CC)C(=O)c1ccc(cc1)C(=O)N2CCCCC2c3ccc(cc3)NC(=O)c4cc(F)ccc4F

2-Thiophenecarboxamide, 3-chloro-N-[3-[[4-[(diethylamino)carbonyl]phenyl]-4-piperidinylidenemethyl]phenyl]- (CA INDEX NAME)

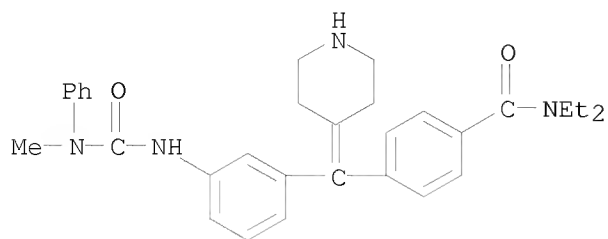


CN    Benzamide, N,N-diethyl-4-[[3-[(3-methylbenzoyl)amino]phenyl]-4-piperidinyli denemethyl]-    (CA INDEX NAME)



CN Benzamide, N,N-diethyl-4-[[3-[(methylphenylamino)carbonyl]amino]phenyl]-4-piperidinylidenemethyl)- (CA INDEX NAME)

10533838



=> file caold  
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
43.53	230.47

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
-5.60	-5.60

CA SUBSCRIBER PRICE

FILE 'CAOLD' ENTERED AT 17:34:18 ON 26 JUN 2008  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

FILE COVERS 1907-1966

FILE LAST UPDATED: 01 May 1997 (19970501/UP)

This file contains CAS Registry Numbers for easy and accurate substance identification. Title keywords, authors, patent assignees, and patent information, e.g., patent numbers, are now searchable from 1907-1966. TIFF images of CA abstracts printed between 1907-1966 are available in the PAGE display formats.

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file supports REGISTRY for direct browsing and searching of all substance data from the REGISTRY file. Enter HELP FIRST for more information.

=> d his

(FILE 'HOME' ENTERED AT 17:28:11 ON 26 JUN 2008)

FILE 'REGISTRY' ENTERED AT 17:28:41 ON 26 JUN 2008

L1 STRUCTURE UPLOADED  
L2 17 S L1  
L3 277 S L1 FULL  
L4 0 S L3 AND BROWN, W?/AU

FILE 'HCAPLUS' ENTERED AT 17:33:17 ON 26 JUN 2008

L5 7 S L3  
L6 7 S L5 AND BROWN, W?/AU

Updated Search

10533838

FILE 'CAOLD' ENTERED AT 17:34:18 ON 26 JUN 2008

=> s 13

L7 0 L3

=> file medline

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.46	230.93

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
0.00	-5.60

CA SUBSCRIBER PRICE

FILE 'MEDLINE' ENTERED AT 17:34:59 ON 26 JUN 2008

FILE LAST UPDATED: 25 Jun 2008 (20080625/UP). FILE COVERS 1949 TO DATE.

MEDLINE has been updated with the National Library of Medicine's revised 2008 MeSH terms. See HELP RLOAD for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

See HELP RANGE before carrying out any RANGE search.

=> s 13

L8 0 L3

=> s pain and piperidine and benzamide

311884 PAIN

5195 PAINS

314848 PAIN

(PAIN OR PAINS)

4653 PIPERIDINE

21786 PIPERIDINES

24371 PIPERIDINE

(PIPERIDINE OR PIPERIDINES)

2560 BENZAMIDE

6648 BENZAMIDES

7730 BENZAMIDE

(BENZAMIDE OR BENZAMIDES)

L9 28 PAIN AND PIPERIDINE AND BENZAMIDE

=> s 19 and review/dt

1362532 REVIEW/DT

L10 2 L9 AND REVIEW/DT

=> d l10, ibib abs hitstr, 1-2

'HITSTR' IS NOT A VALID FORMAT FOR FILE 'MEDLINE'

The following are valid formats:

The default display format is BIB.

ABS ---- AB

Updated Search

10533838

ALL ---- AN, DN, TI, AU, CS, NC, SO, CM, CY, DT, LA, FS, NCT, OS,  
          EM, ED, AB, ST, CT, NA, RN, CN, GEN  
BIB ---- AN, DN, TI, AU, CS, NC, SO, CY, DT, LA, FS, NCT, OS, EM, ED  
CBIB --- AN, DN, TI, AU, CS, NC, SO, CY, DT, LA, FS, NCT, OS, EM, ED  
DALL --- ALL, delimited for post processing  
IABS --- ABS, with a text label  
IALL --- ALL, indented with text labels  
IBIB --- BIB, indented with text labels  
IND ---- ST, CT, NA, RN, CN, GEN  
TRIAL -- TI, ST, CT, NA, RN, CN, GEN  
          (SAM, TRI, FREE)  
HIT ---- All fields containing hit terms  
HITIND - IND  
KWIC --- All hit terms plus 20 words on either side  
OCC ---- List of display fields containing hit terms

Hit terms will be highlighted in all available fields except CM and PY.

To display a particular field or fields, enter the display field codes. For a list of display field codes, enter 'HELP DFIELDS' at an arrow prompt (=>). Examples of formats include: 'BIB'; 'AB'; 'SO,ST'. You may specify the format fields in any order, and the information will be displayed in the same order as the format specification.

The same formats (except for HIT, HITIND, KWIC, and OCC) may be used with the DISPLAY ACC command to display the record for a specified Accession Number.  
ENTER DISPLAY FORMAT (BIB):end

=> d 110, ibib abs, 1-2

L10 ANSWER 1 OF 2 MEDLINE on STN  
ACCESSION NUMBER: 94023158 MEDLINE  
DOCUMENT NUMBER: PubMed ID: 8210494  
TITLE: SR 48968, a neurokinin A (NK2) receptor antagonist.  
AUTHOR: Emonds-Alt X; Advenier C; Croci T; Manara L; Neliat G;  
Poncelet M; Proietto V; Santucci V; Soubrie P; Van Broeck D; +  
CORPORATE SOURCE: Sanofi Recherche, Montpellier, France.  
SOURCE: Regulatory peptides, (1993 Jul 2) Vol. 46, No. 1-2, pp. 31-6. Ref: 16  
Journal code: 8100479. ISSN: 0167-0115.  
PUB. COUNTRY: Netherlands  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
General Review; (REVIEW)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199310  
ENTRY DATE: Entered STN: 17 Jan 1994  
Last Updated on STN: 6 Feb 1998  
Entered Medline: 28 Oct 1993

L10 ANSWER 2 OF 2 MEDLINE on STN  
ACCESSION NUMBER: 93092843 MEDLINE

Updated Search

10533838

DOCUMENT NUMBER: PubMed ID: 1281070  
TITLE: Diabetic gastroparesis. A critical reappraisal of new treatment strategies.  
AUTHOR: Drenth J P; Engels L G  
CORPORATE SOURCE: Department of Medicine, University Hospital, Radboud, Nijmegen, The Netherlands.  
SOURCE: Drugs, (1992 Oct) Vol. 44, No. 4, pp. 537-53. Ref: 126  
Journal code: 7600076. ISSN: 0012-6667.  
PUB. COUNTRY: New Zealand  
DOCUMENT TYPE: (CLINICAL TRIAL)  
(CLINICAL TRIAL, PHASE II)  
Journal; Article; (JOURNAL ARTICLE)  
General Review; (REVIEW)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199301  
ENTRY DATE: Entered STN: 29 Jan 1993  
Last Updated on STN: 29 Jan 1999  
Entered Medline: 8 Jan 1993

AB Delayed gastric emptying, gastroparesis, is one of the sequelae of diabetes mellitus. Symptoms may include postprandial nausea, epigastric pain, bloating, vomiting, early satiety and unpredictable blood sugar fluctuations. Nowadays diagnosis is made by the measurement of gastric emptying with a radionuclide test meal. Using this technique some 50% of diabetic patients show signs of disordered gastric emptying. Relief is best delivered by agents promoting gastric emptying. In phase II single-dose studies metoclopramide, domperidone, cisapride, erythromycin and renzapride were all able to enhance gastric evacuation of solid and liquid meals in patients with diabetic gastroparesis. A few short term studies support the efficacy of domperidone and renzapride, but long term trials are lacking. Erythromycin, mimicking the potent gastrokinetic effect of motilin, may hold considerable promise for the future. Experience with erythromycin in diabetic gastroparesis is nonetheless very limited. To some extent the therapeutic effectiveness of metoclopramide and cisapride has been established in placebo-controlled trials. In trials with a placebo-controlled crossover design, however, only metoclopramide showed a sustained positive effect. Metoclopramide, which combines gastrokinetic and antiemetic properties seems, so far, the best therapeutic option in diabetic gastroparesis. Cisapride may be considered as a good alternative in cases where limited efficacy or side effects preclude the use of metoclopramide.

=> s gastrointestinal () disorder? and piperid? and benzamide  
191748 GASTROINTESTINAL  
3 GASTROINTESTINALS  
191751 GASTROINTESTINAL  
(GASTROINTESTINAL OR GASTROINTESTINALS)  
1002581 DISORDER?  
2787 GASTROINTESTINAL (W) DISORDER?  
27719 PIPERID?  
2560 BENZAMIDE  
6648 BENZAMIDES  
7730 BENZAMIDE  
(BENZAMIDE OR BENZAMIDES)  
L11 5 GASTROINTESTINAL (W) DISORDER? AND PIPERID? AND BENZAMIDE

Updated Search

10533838

=> s l11 and review/dt

1362532 REVIEW/DT

L12 1 L11 AND REVIEW/DT

=> d l12, ibib abs, 1

L12 ANSWER 1 OF 1 MEDLINE on STN  
ACCESSION NUMBER: 96134443 MEDLINE  
DOCUMENT NUMBER: PubMed ID: 8527013  
TITLE: A risk-benefit assessment of cisapride in the treatment of  
gastrointestinal disorders.  
AUTHOR: Tack J; Coremans G; Janssens J  
CORPORATE SOURCE: Department of Internal Medicine, University Hospital  
Gasthuisberg, University of Leuven, Belgium.  
SOURCE: Drug safety : an international journal of medical  
toxicology and drug experience, (1995 Jun) Vol. 12, No. 6,  
pp. 384-92. Ref: 103  
Journal code: 9002928. ISSN: 0114-5916.  
PUB. COUNTRY: New Zealand  
DOCUMENT TYPE: (COMPARATIVE STUDY)  
Journal; Article; (JOURNAL ARTICLE)  
General Review; (REVIEW)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199601  
ENTRY DATE: Entered STN: 20 Feb 1996  
Last Updated on STN: 29 Jan 1999  
Entered Medline: 29 Jan 1996

AB Cisapride is a substituted benzamide compound that stimulates  
motor activity in all segments of the gastrointestinal tract by enhancing  
the release of acetylcholine from the enteric nervous system. Cisapride  
is administered orally in the treatment of gastro-oesophageal reflux  
disease, functional dyspepsia, gastroparesis, chronic intestinal  
pseudo-obstruction syndromes and chronic constipation. In  
gastro-oesophageal reflux disease in both adults and children, cisapride  
provides symptomatic improvement and mucosal healing. Long term treatment  
with cisapride is effective in the prevention of relapse of oesophagitis.  
Cisapride improves gastric emptying rates and improves symptoms in  
patients with gastroparesis of various origins. Unlike domperidone and  
metoclopramide, long term administration of cisapride seems to result in  
persistently enhanced gastric emptying. Cisapride is also effective in  
improving symptoms in patients with functional dyspepsia. In comparative  
studies in patients with functional dyspepsia, cisapride was at least as  
effective as metoclopramide, domperidone, clebopride, ranitidine and  
cimetidine. Cisapride increases stool frequency and reduces laxative  
consumption in patients with idiopathic constipation. Severe cases of  
slow transit constipation seem refractory to cisapride. Clinical studies  
also indicate that cisapride might be effective in the treatment of  
chronic intestinal pseudo-obstruction, postoperative ileus, peptic ulcer  
and irritable bowel syndrome. Further clinical studies are warranted to  
define the role of cisapride in these conditions. The dosage of cisapride  
ranges from 5mg 3 times daily to 20mg twice daily. Cisapride is generally  
well tolerated, both during short and long term treatment. In children,  
cisapride is also well tolerated in doses of 0.2 to 0.3 mg/kg, 3 to 4  
times daily.(ABSTRACT TRUNCATED AT 250 WORDS)

Updated Search



10533838

=> s anxiety and piperid? and benzamide

96773 ANXIETY

1228 ANXIETIES

97531 ANXIETY

(ANXIETY OR ANXIETIES)

27719 PIPERID?

2560 BENZAMIDE

6648 BENZAMIDES

7730 BENZAMIDE

(BENZAMIDE OR BENZAMIDES)

L13 14 ANXIETY AND PIPERID? AND BENZAMIDE

=> s l13 and review/dt

1362532 REVIEW/DT

L14 0 L13 AND REVIEW/DT

=> s biosis

L15 395 BIOSIS

=> d his

(FILE 'HOME' ENTERED AT 17:28:11 ON 26 JUN 2008)

FILE 'REGISTRY' ENTERED AT 17:28:41 ON 26 JUN 2008

L1 STRUCTURE UPLOADED

L2 17 S L1

L3 277 S L1 FULL

L4 0 S L3 AND BROWN, W?/AU

FILE 'HCAPLUS' ENTERED AT 17:33:17 ON 26 JUN 2008

L5 7 S L3

L6 7 S L5 AND BROWN, W?/AU

FILE 'CAOLD' ENTERED AT 17:34:18 ON 26 JUN 2008

L7 0 S L3

FILE 'MEDLINE' ENTERED AT 17:34:59 ON 26 JUN 2008

L8 0 S L3

L9 28 S PAIN AND PIPERIDINE AND BENZAMIDE

L10 2 S L9 AND REVIEW/DT

L11 5 S GASTROINTESTINAL ( ) DISORDER? AND PIPERID? AND BENZAMIDE

L12 1 S L11 AND REVIEW/DT

L13 14 S ANXIETY AND PIPERID? AND BENZAMIDE

L14 0 S L13 AND REVIEW/DT

L15 395 S BIOSIS

=> s l3

L16 0 L3

=> file biosis

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

13.64

244.57

Updated Search

10533838

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-5.60

FILE 'BIOSIS' ENTERED AT 17:38:10 ON 26 JUN 2008  
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FILE COVERS 1926 TO DATE.  
CAS REGISTRY NUMBERS AND CHEMICAL NAMES (CNs) PRESENT  
FROM JANUARY 1926 TO DATE.

RECORDS LAST ADDED: 25 June 2008 (20080625/ED)

BIOSIS has been augmented with 1.8 million archival records from 1926 through 1968. These records have been re-indexed to match current BIOSIS indexing.

=> d his

(FILE 'HOME' ENTERED AT 17:28:11 ON 26 JUN 2008)

FILE 'REGISTRY' ENTERED AT 17:28:41 ON 26 JUN 2008

L1 STRUCTURE UPLOADED  
L2 17 S L1  
L3 277 S L1 FULL  
L4 0 S L3 AND BROWN, W?/AU

FILE 'HCAPLUS' ENTERED AT 17:33:17 ON 26 JUN 2008

L5 7 S L3  
L6 7 S L5 AND BROWN, W?/AU

FILE 'CAOLD' ENTERED AT 17:34:18 ON 26 JUN 2008

L7 0 S L3

FILE 'MEDLINE' ENTERED AT 17:34:59 ON 26 JUN 2008

L8 0 S L3  
L9 28 S PAIN AND PIPERIDINE AND BENZAMIDE  
L10 2 S L9 AND REVIEW/DT  
L11 5 S GASTROINTESTINAL ( ) DISORDER? AND PIPERID? AND BENZAMIDE  
L12 1 S L11 AND REVIEW/DT  
L13 14 S ANXIETY AND PIPERID? AND BENZAMIDE  
L14 0 S L13 AND REVIEW/DT  
L15 395 S BIOSIS  
L16 0 S L3

FILE 'BIOSIS' ENTERED AT 17:38:10 ON 26 JUN 2008

=> s l3

L17 0 L3

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